

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0001	Overall LMA Rating	Total LMA Miles						
American River Flood Control District	A	34.47						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.04		0.04	0.12%	0.57	0.36		
Trim / Thin Trees	0.01		0.01	0.03%				
Encroachments	0.03		0.03	0.09%	1.14	3.05		
Animal Control	0.13		0.13	0.38%				
Slope Stability	0.11		0.11	0.32%				
Repair Gates	0.01		0.01	0.03%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.16		0.16	0.46%				
DWR UCIP Field Study					0.99	0.01		
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.49	0.00	0.49	1.42%	2.70	3.42	0.00	0.00
Unit No. 01 Arcade Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	2.08						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.01		0.01	0.48%	0.05	0.02		
Encroachments					0.30	0.26		
Animal Control	0.02		0.02	0.96%				
Slope Stability	0.01		0.01	0.48%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.11			
<i>Unit Totals:</i>	0.04	0.00	0.04	1.92%	0.46	0.28	0.00	0.00
Unit No. 02 Natomas E Canal LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	3.93						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.02		0.02	0.51%	0.03	0.02		
Animal Control	0.02		0.02	0.51%				
Slope Stability	0.07		0.07	1.78%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.10			
<i>Unit Totals:</i>	0.11	0.00	0.11	2.80%	0.13	0.02	0.00	0.00

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	2.86						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.01			
<i>Supplemental</i>								
DWR UCIP Field Study					0.09			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00

Unit No. 04 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	10.86						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03		0.03	0.28%	0.51	0.19		
Encroachments					0.36	1.70		
Animal Control	0.06		0.06	0.55%				
Repair Gates	0.01		0.01	0.09%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.16		0.16	1.47%				
DWR UCIP Field Study					0.26	0.01		
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.26	0.00	0.26	2.40%	1.13	1.90	0.00	0.00

Unit No. 05 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	0.41						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation						0.07		
Encroachments	0.01		0.01	2.47%				
<i>Unit Totals:</i>	0.01	0.00	0.01	2.47%	0.00	0.07	0.00	0.00

Unit No. 06 Linda Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	1.30						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP Field Study					0.02			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 07 Arcade Creek RB	Overall Unit Rating	Total Unit Miles							
NA0001	A	1.93							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation						0.05			
Encroachments					0.05	0.19			
Animal Control	0.01		0.01	0.52%					
Slope Stability	0.01		0.01	0.52%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.05				
<i>Unit Totals:</i>	0.02	0.00	0.02	1.04%	0.10	0.24	0.00	0.00	

Unit No. 08 Magpie Creek Diversion LB	Overall Unit Rating	Total Unit Miles							
NA0001	A	1.44							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation						0.03			
Trim / Thin Trees	0.01		0.01	0.70%					
Encroachments					0.34	0.04			
Animal Control	0.01		0.01	0.70%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.02				
<i>Unit Totals:</i>	0.02	0.00	0.02	1.39%	0.36	0.07	0.00	0.00	

Unit No. 09 American River RB	Overall Unit Rating	Total Unit Miles							
NA0001	A	4.20							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.01				
Encroachments						0.22			
Animal Control	0.01		0.01	0.24%					
Slope Stability	0.02		0.02	0.48%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.12				
<i>Unit Totals:</i>	0.03	0.00	0.03	0.72%	0.13	0.22	0.00	0.00	

Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles							
NA0001	A	3.90							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.02	0.62			
<i>Supplemental</i>									
DWR UCIP Field Study					0.15				
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.17	0.62	0.00	0.00	

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 11 New Linda Creek LB	Overall Unit Rating	Total Unit Miles							
NA0001	A	0.73							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Supplemental</i>									
DWR UCIP Field Study					0.04				
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00	
Unit No. 12 American River LB	Overall Unit Rating	Total Unit Miles							
NA0001	A	0.84							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					0.03				
<i>Supplemental</i>									
DWR UCIP Field Study					0.03				
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.06	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2018 Levee Inspection Results

American River Flood Control District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 01 Arcade Creek			Left	2.08
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		-	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_2				
Comment Code					
Inspector Comment					
The LMA has current flood fight training and a written emergency plan.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_24				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_25				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual available at the office.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.00	Rating **	A/W	Issue No.	46
LM End	2.08	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.619300 °	38.627229 °
				-121.467600 °	°
DWR ID	DWR_NA0001_01_f_2018_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Due to construction on Unit 1, LMA could not perform annual maintenance. DWR did not inspect the levees.					

No Photos

LM Start	0.02	Rating **	A/W	Issue No.	45
LM End	2.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.619443 °	38.627293 °
				-121.467339 °	-121.432635 °
DWR ID	DWR_NA0001_01_s_2018_45				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
This Unit is under construction and not accessible. All the issues for Unit 1 will have to be reassessed when construction is complete and turned back over to ARFCD to maintain. Spring 2018.					

Photo 1 of 1 : FA_2018_NA0001_51_45_20180911_00029.jpg



View looking upstream from Norwood Ave. This Unit is under construction and not accessible. All the issues for Unit 1 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.48	Rating **	A/W	Issue No.	164
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.623227 °	38.623227 °
				-121.460399 °	-121.460399 °
DWR ID	DWR_NA0001_01_s_2012_164				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
4'-5' diameter by 1' deep hole mid-slope on the landside.					

LM Start	0.48	Rating **	A/W	Issue No.	164 (cont)
LM End	0.48	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA_2018_NA0001_51_164_20180911_00050.jpg



Another view of the depression on the landside levee slope.

Photo 2 of 2 : FA_2018_NA0001_51_164_20180911_00051.jpg



11/17/2011 Hole/depression approximately mid-slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.66	Rating **	M	Issue No.	184
LM End	0.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623668 °	38.623668 °
				-121.457156 °	-121.457156 °
DWR ID	24800				
Comment Code					
Inspector Comment					
FS_ID:31169 DS_ID:24800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with the City of Sacramento to determine if structure (assumed indicated by green/orange symbol) crosses levee or symbol is referencing bridge. FIELD_STRUCT_DESC: Indicator of crossing found on waterward side edge. Symbol for Flood Control Structure (green/orange circle) was found during field inspection 12/19/13, symbol matches flood control structures that the City of Sacramento inspects. FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_FA_2018_31169_57044.jpg



Indicator of crossing found on waterward side edge. Symbol is a Flood Control Structure (green/orange circle).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.66	Rating **	M	Issue No.	185
LM End	0.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623667 °	38.623667 °
				-121.457134 °	-121.457134 °
DWR ID	24266				

Comment Code

Inspector Comment

FS_ID:53488

DS_ID:24266

EP_NO: 18641-1

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 Crossing appears to be the same as last time. Markers have not been placed. PG&E provided supporting documentation that this crossing is in good shape. Plus it is getting raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch coated steel natural gas pipeline through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around the pipeline at the center of the levee. Pipeline is hung along the downstream (DS) side of the bridge across the channel. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the landside (LS) approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E). [Additional Reference(s): DWR Levee Log, 2002].

FS Date: 7/18/2018

Photo 1 of 3 : UCIP_FA_2018_53488_57042.jpg



View of WS--pipe suspended along downstream face of bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.66	Rating **	M	Issue No.	185 (cont)	
LM End	0.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.623667 °	38.623667 °	
				-121.457134 °	-121.457134 °	
DWR ID	24266					
Comment Code						
Inspector Comment						
FS_ID:53488 DS_ID:24266 EP_NO: 18641-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Crossing appears to be the same as last time. Markers have not been placed. PG&E provided supporting documentation that this crossing is in good shape. Plus it is getting raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch coated steel natural gas pipeline through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around the pipeline at the center of the levee. Pipeline is hung along the downstream (DS) side of the bridge across the channel. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the landside (LS) approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E). [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/18/2018						

Photo 2 of 3 : UCIP_FA_2018_53488_57041.jpg



Paint on paved levee indicates crossing could be a storm drain.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.66	Rating **	M	Issue No.	185 (cont)	
LM End	0.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.623667 °	38.623667 °	
				-121.457134 °	-121.457134 °	
DWR ID	24266					

Comment Code

Inspector Comment

FS_ID:53488

DS_ID:24266

EP_NO: 18641-1

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 Crossing appears to be the same as last time. Markers have not been placed. PG&E provided supporting documentation that this crossing is in good shape. Plus it is getting raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch coated steel natural gas pipeline through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around the pipeline at the center of the levee. Pipeline is hung along the downstream (DS) side of the bridge across the channel. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the landside (LS) approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E). [Additional Reference(s): DWR Levee Log, 2002].

FS Date: 7/18/2018

Photo 3 of 3 : UCIP_FA_2018_53488_57040.jpg



View of pipe suspended over waterway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.74	Rating **	M	Issue No.	80
LM End	0.74	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623887°	38.623887°	
			-121.455735°	-121.455735°	
DWR ID	DWR_NA0001_01_f_2015_80				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

LM Start	0.75	Rating **	M	Issue No.	79
LM End	0.75	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623929°	38.623929°	
			-121.455568°	-121.455568°	
DWR ID	DWR_NA0001_01_f_2015_79				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

LM Start	0.76	Rating **	M	Issue No.	78
LM End	0.76	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623975°	38.623975°	
			-121.455394°	-121.455394°	
DWR ID	DWR_NA0001_01_f_2015_78				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	0.77	Rating **	U	Issue No.	183
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624016 °	38.624016 °
				-121.455193 °	-121.455193 °
DWR ID	DWR_NA0001_01_s_2012_183				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared fence built within 10' of the toe					

Photo 1 of 1 : FA_2018_NA0001_51_183_20180911_00060.jpg



11/17/2011 Wooden privacy fence.

LM Start	0.95	Rating **	U	Issue No.	182
LM End	0.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625072 °	38.625072 °
				-121.452225 °	-121.452225 °
DWR ID	DWR_NA0001_01_s_2012_182				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence built within 10' of the toe.					

Photo 1 of 1 : FA_2018_NA0001_51_182_20180911_00059.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	0.96	Rating **	M	Issue No.	77
LM End	0.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625093 °	38.625093 °
				-121.452096 °	-121.452096 °
DWR ID	DWR_NA0001_01_f_2015_77				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

11/17/2011 Fence built on the levee slope.

11/17/2011 Wooden privacy fence built at the levee toe.

View of the fence at the landside levee toe.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.18	Rating **	U	Issue No.	20
LM End	1.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624900 °	38.624900 °
				-121.448037 °	-121.448037 °
DWR ID	DWR_NA0001_01_s_2012_20				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_20_20180911_00017.jpg



Photo of solid fences built against the levee slope.

LM Start	1.22	Rating **	M	Issue No.	186
LM End	1.22	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625117 °	38.625117 °
				-121.447318 °	-121.447318 °
DWR ID	24248				
Comment Code					
Inspector Comment					
FS_ID:31178 DS_ID:24248 EP_NO: 14575 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 12/19/2013 Crossing is present in the layer provided by the City of Sacramento, however this crossing was not found in the field. Need to determine status of crossing. If crossing is no longer used, owner will need to coordinate with Central Valley Flood Protection Board to comply with Title 23. FIELD_STRUCT_DESC: 30-inch concrete encased steel water main through the levee, 4.5 feet below the crown. Steel cutoff wall around pipe at center of levee. (30-inch pipe authorized under Permit No. 14575, 1988 - City of Sacramento; 30-inch is scheduled to be cut and replaced under Permit No. 14575-1, 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_FA_2018_31178_57059.jpg



Alignment indicated in blue is approximate locations for pipes that cross levee. Alignment information was obtained from the City of Sacramento.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.26	Rating **	U	Issue No.	18
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625395 °	38.625395 °
				-121.446608 °	-121.446608 °
DWR ID	DWR_NA0001_01_s_2012_18				
Comment Code					
BU : Building					
Inspector Comment					
Cement block building within 10-ft of toe. Storage of equipment and supplies blocking visibility.					

Photo 1 of 1 : FA_2018_NA0001_51_18_20180911_00016.jpg



Fall 2009 photo: Buildings and fence near levee toe.

LM Start	1.28	Rating **	M	Issue No.	187
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID	24576				
Comment Code					
Inspector Comment					
FS_ID:30085					
DS_ID:24576					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.					
FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). [Additional Reference(s): DWR Levee Log, 2002]					
FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_30085_55489.jpg



Overview of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	187 (cont)	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625500 °	38.625500 °	
				-121.446390 °	-121.446390 °	
DWR ID	24576					
Comment Code						
Inspector Comment						
FS_ID:30085 DS_ID:24576 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013						

LM Start	1.28	Rating **	M	Issue No.	187 (cont)
LM End	1.28	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_30085_55488.jpg



Underground service alert (USA) paint markings visible on waterward slope.

Photo 3 of 3 : UCIP_FA_2018_30085_55490.jpg



Concrete floodwall along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	188
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID	24577				
Comment Code					
Inspector Comment					
FS_ID:29732					
DS_ID:24577					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.					
FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). [Additional Reference(s): DWR Levee Log, 2002]					
FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_29732_54976.jpg



Overview of levee crown.

LM Start	1.28	Rating **	M	Issue No.	188 (cont)
LM End	1.28	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_29732_54975.jpg



Underground service alert (USA) paint markers visible on waterward shoulder--unable to confirm type of crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	188 (cont)	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625500 °	38.625500 °	
				-121.446390 °	-121.446390 °	
DWR ID	24577					
Comment Code						
Inspector Comment						
FS_ID:29732						
DS_ID:24577						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.						
FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_29732_54977.jpg



Floodwall visible along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	189
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625509 °	38.625509 °
				-121.446311 °	-121.446311 °
DWR ID	24252				
Comment Code					
Inspector Comment					
FS_ID:53490 DS_ID:24252 EP_NO: 15152-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Markers missing. This pipeline is abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. The pipe going through the north levee is open on the WS end. This line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Unable to confirm if line will be raised to 200-year water surface elevation at this site. (DWR UCIP - omagana)12/19/2013 Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Unable to confirm if crossing will be raised to 200-year water surface elevation within Unit 1. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch gas line installed under Permit No. 15152, 1989 - Pacific Gas & Electric Company [PG&E], 4-inch gas line raised above the 200-year water surface elevation under Permit No. 15152-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 7/18/2018					

Photo 1 of 3 : UCIP_FA_2018_53490_75855.jpg



View of levee crown where crossing should be--no markers found.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	189 (cont)
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625509 °	38.625509 °
				-121.446311 °	-121.446311 °
DWR ID	24252				
Comment Code					
Inspector Comment					
FS_ID:53490 DS_ID:24252 EP_NO: 15152-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Markers missing. This pipeline is abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. The pipe going through the north levee is open on the WS end. This line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Unable to confirm if line will be raised to 200-year water surface elevation at this site. (DWR UCIP - omagana)12/19/2013 Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Unable to confirm if crossing will be raised to 200-year water surface elevation within Unit 1. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch gas line installed under Permit No. 15152, 1989 - Pacific Gas & Electric Company [PG&E], 4-inch gas line raised above the 200-year water surface elevation under Permit No. 15152-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 7/18/2018					

Photo 2 of 3 : UCIP_FA_2018_53490_75856.jpg



Underground service alert (USA) markings found on WS shoulder, photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.28	Rating **	M	Issue No.	189 (cont)
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625509 °	38.625509 °
				-121.446311 °	-121.446311 °

DWR ID	24252
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Comment Code

Inspector Comment

FS_ID:53490
DS_ID:24252
EP_NO: 15152-1
Repair Type: Non-Urgent
Crossing Status: Found

UCIP Comments: 07/18/2018 Markers missing. This pipeline is abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. The pipe going through the north levee is open on the WS end. This line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Unable to confirm if line will be raised to 200-year water surface elevation at this site. (DWR UCIP - omagana)12/19/2013 Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Unable to confirm if crossing will be raised to 200-year water surface elevation within Unit 1. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch gas line installed under Permit No. 15152, 1989 - Pacific Gas & Electric Company [PG&E], 4-inch gas line raised above the 200-year water surface elevation under Permit No. 15152-1, 2016 - PG&E)

[Additional Reference(s): DWR Levee Log, 2002]

FS Date: 7/18/2018

Photo 3 of 3 : UCIP_FA_2018_53490_75857.jpg



Underground service alert (USA) markings found on WS shoulder, photo 2 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.33	Rating **	U	Issue No.	73
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625869 °	38.625869 °
				-121.445477 °	-121.445477 °
DWR ID	DWR_NA0001_01_f_2015_73				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at LS toe.					

Photo 1 of 1 : FA_2018_NA0001_51_73_20180911_00047.jpg



View of the fence at the landside levee toe.

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625926 °	38.625926 °
				-121.445329 °	-121.445329 °
DWR ID	DWR_NA0001_01_f_2013_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.35	Rating **	U	Issue No.	50
LM End	1.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625982 °	38.625982 °
				-121.445231 °	-121.445231 °
DWR ID	DWR_NA0001_01_s_2014_50				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_51_50_20180911_00032.jpg



View of the fence at the landside levee toe obstructing visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.36	Rating **	U	Issue No.	16
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626000 °	38.626000 °
				-121.444978 °	-121.444978 °
DWR ID	DWR_NA0001_01_s_2012_16				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence					

Photo 1 of 1 : FA_2018_NA0001_51_16_20180911_00015.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.36	Rating **	N	Issue No.	178
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626063 °	38.626063 °
				-121.444988 °	-121.444988 °
DWR ID	DWR_NA0001_01_s_2012_178				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two stumps at landside toe.					

Photo 1 of 1 : FA_2018_NA0001_51_178_20180911_00058.jpg



11/17/2011 Two stumps at levee toe.

LM Start	1.37	Rating **	U	Issue No.	15
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626048 °	38.626048 °
				-121.444785 °	-121.444785 °
DWR ID	DWR_NA0001_01_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence LS toe.					

Photo 1 of 1 : FA_2018_NA0001_51_15_20180911_00014.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.38	Rating **	U	Issue No.	14
LM End	1.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626085 °	38.626085 °
				-121.444580 °	-121.444580 °
DWR ID	DWR_NA0001_01_s_2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence					

Photo 1 of 1 : FA_2018_NA0001_51_14_20180911_00013.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.40	Rating **	M	Issue No.	38
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626210 °	38.626210 °
				-121.444320 °	-121.444320 °
DWR ID	DWR_NA0001_01_s_2012_38				
Comment Code					
BU : Building					
Inspector Comment					
Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_38_20180911_00028.jpg



11/17/2011 Shed and firewood can be seen through the chainlink fence.

LM Start	1.40	Rating **	U	Issue No.	13
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626155 °	38.626155 °
				-121.444250 °	-121.444250 °
DWR ID	DWR_NA0001_01_s_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence with barbed wire is built within 10-ft of levee toe. 04/13/2011 Fence has blown over and now partially rests on the levee. Fall insp 2011 fence has been rebuilt in same location, within 10' of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_13_20180911_00012.jpg



11/17/2011 New wooden privacy fence built within 15' of the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.41	Rating **	N	Issue No.	72
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626253 °	38.626253 °
				-121.444165 °	-121.444165 °
DWR ID	DWR_NA0001_01_f_2015_72				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.41	Rating **	U	Issue No.	12
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626212 °	38.626212 °
				-121.444082 °	-121.444082 °
DWR ID	DWR_NA0001_01_s_2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built near the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_12_20180911_00011.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	1.42	Rating **	M	Issue No.	177
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.626388 °	38.626388 °
				-121.443910 °	-121.443910 °
DWR ID	DWR_NA0001_01_s_2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : FA_2018_NA0001_51_177_20180911_00056.jpg



Another view of the vegetation at levee toe. Spring 2017.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.42	Rating **	M	Issue No.	177 (cont)	
LM End	1.42	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.626388 °	38.626388 °	
				-121.443910 °	-121.443910 °	
DWR ID	DWR_NA0001_01_s_2012_177					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : FA_2018_NA0001_51_177_20180911_00057.jpg



11/17/2011 Thick vegetation at the levee toe.

LM Start	1.42	Rating **	M	Issue No.	71
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626388 °	38.626388 °
				-121.443905 °	-121.443905 °
DWR ID	DWR_NA0001_01_f_2015_71				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at LS toe.					

No Photos

LM Start	1.44	Rating **	U	Issue No.	70
LM End	1.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626589 °	38.626589 °
				-121.443640 °	-121.443640 °
DWR ID	DWR_NA0001_01_f_2015_70				
Comment Code					
FE : Fence					
Inspector Comment					
Rought iron fence at LS toe blocks access.					

Photo 1 of 1 : FA_2018_NA0001_51_70_20180911_00046.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	176
LM End	1.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626881 °	38.626881 °
				-121.443253 °	-121.443253 °
DWR ID	DWR_NA0001_01_s_2012_176				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_176_20180911_00055.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	1.48	Rating **	M	Issue No.	75
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626912 °	38.626912 °
				-121.443229 °	-121.443229 °
DWR ID	DWR_NA0001_01_s_2017_75				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Stairs dug into waterside levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_75_20180911_00049.jpg



View of the stairs in the levee slope, looking downstream.

LM Start	1.50	Rating **	M	Issue No.	69
LM End	1.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627094 °	38.627094 °
				-121.442917 °	-121.442917 °
DWR ID	DWR_NA0001_01_f_2015_69				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.51	Rating **	N	Issue No.	56
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627180 °	38.627224 °
				-121.442718 °	-121.442515 °
DWR ID	DWR_NA0001_01_s_2012_56				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
4 stumps 14 to 30 Inches in diameter.					

Photo 1 of 1 : FA_2018_NA0001_51_56_20180911_00036.jpg



Several large stumps on levee slope.

LM Start	1.52	Rating **	M	Issue No.	19
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627237 °	38.627237 °
				-121.442516 °	-121.442516 °
DWR ID	DWR_NA0001_01_f_2017_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.53	Rating **	M	Issue No.	35
LM End	1.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627255 °	38.627255 °
				-121.442402 °	-121.442402 °
DWR ID	DWR_NA0001_01_s_2012_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes and trees along chain link fence block access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_51_35_20180911_00027.jpg



Fall 2009 photo:Vegetation obstructing visibility near levee slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.54	Rating **	M	Issue No.	68
LM End	1.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627283 °	38.627283 °
				-121.442180 °	-121.442180 °
DWR ID	DWR_NA0001_01_f_2015_68				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus planted along LS toe.					

Photo 1 of 1 : FA_2018_NA0001_51_68_20180911_00045.jpg



View of the landscaping at the landside levee toe.

LM Start	1.54	Rating **	M	Issue No.	11
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627298 °	38.627298 °
				-121.442131 °	-121.442131 °
DWR ID	DWR_NA0001_01_f_2017_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Area shows signs of rodent activity.					

Photo 1 of 1 : FA_2018_NA0001_51_11_20180911_00010.jpg



View of the rodent activity on the levee slope.

LM Start	1.55	Rating **	M	Issue No.	49
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627297 °	38.627297 °
				-121.441961 °	-121.441961 °
DWR ID	DWR_NA0001_01_f_2015_49				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.57	Rating **	M	Issue No.	190 (cont)	
LM End	1.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627277 °	38.627277 °	
				-121.441650 °	-121.441650 °	
DWR ID	24573					
Comment Code						
Inspector Comment						
FS_ID:52671 DS_ID:24573 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for DFM 0614-13 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 11/2016 CP inspection. (DWR UCIP - A. McDonald)11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing. (DWR UCIP - O. Magana) 12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit? (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, at an unknown depth and goes under the channel. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 11/12/2015 1:52:00 PM						

Photo 3 of 3 : UCIP_FA_2018_52671_57071.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.58	Rating **	M	Issue No.	191
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID	24255				
Comment Code					
Inspector Comment					
FS_ID:31182 DS_ID:24255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Belden St. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/26/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and clarify pipe size. (DWR UCIP – O. Magana) 01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material (City records indicate a 24-inch reinforced concrete pipe (RCP) at this location) through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. (no permit was found authorizing this pipe - the City of Sacramento is the owner of this pipe) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_31182_57075.jpg



Alignment in blue is an estimate of pipe alignment provided by the City of Sacramento. The symbol at LM 1.58 is field confirmed location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.58	Rating **	M	Issue No.	191 (cont)
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID	24255				
Comment Code					
Inspector Comment					
FS_ID:31182 DS_ID:24255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Belden St. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/26/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and clarify pipe size. (DWR UCIP – O. Magana) 01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material (City records indicate a 24-inch reinforced concrete pipe (RCP) at this location) through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. (no permit was found authorizing this pipe - the City of Sacramento is the owner of this pipe) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013					

Photo 2 of 3 : UCIP_FA_2018_31182_57076.jpg



Overview of levee at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.58	Rating **	M	Issue No.	191 (cont)	
LM End	1.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627241 °	38.627241 °	
				-121.441465 °	-121.441465 °	
DWR ID	24255					
Comment Code						
Inspector Comment						
FS_ID:31182 DS_ID:24255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Belden St. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/26/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and clarify pipe size. (DWR UCIP – O. Magana) 01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material (City records indicate a 24-inch reinforced concrete pipe (RCP) at this location) through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. (no permit was found authorizing this pipe - the City of Sacramento is the owner of this pipe) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_31182_57077.jpg



View of concrete vault located on waterward apex.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.58	Rating **	A/W	Issue No.	54
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627251°	38.627251°
				-121.441460°	-121.441460°
DWR ID	DWR_NA0001_01_s_2012_54				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_51_54_20180911_00035.jpg



Slope stability due to foot traffic needs to be monitored.

LM Start	1.60	Rating **	M	Issue No.	67
LM End	1.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627207 °	38.627207 °
				-121.441104 °	-121.441104 °
DWR ID	DWR_NA0001_01_f_2015_67				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe. 6 fruit trees and various cactus plants at LS toe.					

Photo 1 of 1 : FA_2018_NA0001_51_67_20180911_00044.jpg



View of the fence and landscaping at the landside levee toe.

LM Start	1.61	Rating **	M	Issue No.	66
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627195 °	38.627500 °
				-121.440974 °	-121.439766 °
DWR ID	DWR_NA0001_01_f_2015_66				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_66_20180911_00043.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.69	Rating **	N	Issue No.	74
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627607 °	38.627607 °
				-121.439545 °	-121.439545 °
DWR ID	DWR_NA0001_01_s_2017_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
24 inch large tree stump at levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_74_20180911_00048.jpg



View of the tree stump at the levee toe.

LM Start	1.69	Rating **	M	Issue No.	62
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627630 °	38.627630 °
				-121.439458 °	-121.439458 °
DWR ID	DWR_NA0001_01_f_2015_62				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

LM Start	1.79	Rating **	U	Issue No.	10
LM End	1.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627948 °	38.627948 °
				-121.437682 °	-121.437682 °
DWR ID	DWR_NA0001_01_f_2012_10				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence constructed at LS levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_10_20180911_00009.jpg



View of new fence constructed at levee toe and 7 redwood trees planted behind fence within easement.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.81	Rating **	U	Issue No.	170
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627934 °	38.627934 °
				-121.437423 °	-121.437423 °
DWR ID	DWR_NA0001_01_s_2012_170				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Growth on old wooden fence, which has since been replaced by a chainlink fence is obstructive.					

Photo 1 of 1 : FA_2018_NA0001_51_170_20180911_00054.jpg



View of the landscaping at the landside levee toe.

LM Start	1.82	Rating **	U	Issue No.	169
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627922 °	38.627922 °
				-121.437296 °	-121.437296 °
DWR ID	DWR_NA0001_01_s_2012_169				
Comment Code					
BU : Building					
Inspector Comment					
Shed on concrete pad within 10' of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_169_20180911_00053.jpg



11/17/2011 Wooden shed on concrete pad built within 15' of levee toe.

LM Start	1.82	Rating **	M	Issue No.	64
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627907 °	38.627907 °
				-121.437187 °	-121.437187 °
DWR ID	DWR_NA0001_01_f_2015_64				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at landside levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.83	Rating **	U	Issue No.	33
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627897 °	38.627897 °
				-121.437073 °	-121.437073 °
DWR ID	DWR_NA0001_01_s_2012_33				
Comment Code					
BU : Building					
Inspector Comment					
Wooden animal pen is built against levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_33_20180911_00026.jpg



11/17/2011 Wooden structure is built within 15' of the levee toe.

LM Start	1.84	Rating **	M	Issue No.	63
LM End	1.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627879 °	38.627879 °
				-121.436889 °	-121.436889 °
DWR ID	DWR_NA0001_01_f_2015_63				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_63_20180911_00041.jpg



View of the fence at the landside levee toe.

LM Start	1.85	Rating **	M	Issue No.	9
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627884 °	38.627884 °
				-121.436682 °	-121.436682 °
DWR ID	DWR_NA0001_01_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_51_9_20180911_00008.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.85	Rating **	M	Issue No.	8
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436638 °	-121.436638 °
DWR ID	DWR_NA0001_01_s_2012_8				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy, trees and other landscaping growing on a privacy fence are obstructing visibility.					

Photo 1 of 1 : FA_2018_NA0001_51_8_20180911_00007.jpg



11/17/2011 Landscaping vegetation growth on the fence is obstructive.

LM Start	1.86	Rating **	U	Issue No.	7
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436454 °	-121.436454 °
DWR ID	DWR_NA0001_01_s_2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Metal sided shelter, blackberries and cherry trees are obstructive.					

Photo 1 of 1 : FA_2018_NA0001_51_7_20180911_00006.jpg



11/17/2011 Blackberries growing on fence are obstructive.

LM Start	1.86	Rating **	M	Issue No.	61
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627885 °	38.627885 °
				-121.436423 °	-121.436423 °
DWR ID	DWR_NA0001_01_f_2015_61				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_61_20180911_00040.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.88	Rating **	M	Issue No.	59
LM End	1.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627871 °	38.627871 °
				-121.436191 °	-121.436191 °
DWR ID	DWR_NA0001_01_f_2015_59				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_59_20180911_00039.jpg



View of the fence at the landside levee toe.

LM Start	1.88	Rating **	M	Issue No.	58
LM End	1.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627860 °	38.627860 °
				-121.436098 °	-121.436098 °
DWR ID	DWR_NA0001_01_f_2015_58				
Comment Code					
PO : Pole					
Inspector Comment					
Pole at the landside levee toe with guy wire penetrating the landside levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_58_20180911_00038.jpg



View of the pole at the landside levee toe.

LM Start	1.89	Rating **	M	Issue No.	57
LM End	1.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627837 °	38.627837 °
				-121.435973 °	-121.435973 °
DWR ID	DWR_NA0001_01_f_2015_57				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_57_20180911_00037.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.90	Rating **	U	Issue No.	6
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627725 °	38.627725 °
				-121.435715 °	-121.435715 °
DWR ID	DWR_NA0001_01_s_2012_6				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built within 10-ft of the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_6_20180911_00005.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.91	Rating **	U	Issue No.	5
LM End	1.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627680 °	38.627680 °
				-121.435555 °	-121.435555 °
DWR ID	DWR_NA0001_01_s_2012_5				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_5_20180911_00004.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.92	Rating **	U	Issue No.	4
LM End	1.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627715 °	38.627715 °
				-121.435452 °	-121.435452 °
DWR ID	DWR_NA0001_01_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence and landscaping completely block visibility.					

Photo 1 of 1 : FA_2018_NA0001_51_4_20180911_00003.jpg



View of the wooden fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.93	Rating **	U	Issue No.	3
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627658 °	38.627658 °
				-121.435192 °	-121.435192 °
DWR ID	DWR_NA0001_01_s_2012_3				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_51_3_20180911_00002.jpg



View of the fence at the landside levee toe. Spring 2017

LM Start	1.93	Rating **	U	Issue No.	30
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627646 °	38.627646 °
				-121.435151 °	-121.435151 °
DWR ID	DWR_NA0001_01_s_2012_30				
Comment Code					
BU : Building					
Inspector Comment					
Wooden frame structure is within 15-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_30_20180911_00024.jpg



Building on concrete pad within 15 feet of the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.95	Rating **	M	Issue No.	192
LM End	1.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627568 °	38.627568 °
				-121.434815 °	-121.434815 °
DWR ID	24259				

Comment Code

Inspector Comment

FS_ID:41549
DS_ID:24259
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Delmar Way. (DWR UCIP - O. Magana)
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 01/15/2014, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and confirm pipe size. Conflicting information regarding pipe size was received from the City of Sacramento, PACP report indicates a 24-inch pipe, City alignment layer indicates a 10-inch pipe and UCIP's record indicates a 15-inch pipe. (DWR UCIP - O. Magana)
01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material through the levee, 8.5 feet below the crown. Flap gate is located on the waterside (WS) end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 12/19/2013

Photo 1 of 3 : UCIP_FA_2018_41549_57087.jpg



View of waterward side--concrete vault and u-shape concrete headwall with debris screen.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.95	Rating **	M	Issue No.	192 (cont)
LM End	1.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627568 °	38.627568 °
				-121.434815 °	-121.434815 °
DWR ID	24259				

Comment Code

Inspector Comment

FS_ID:41549

DS_ID:24259

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Delmar Way. (DWR UCIP - O. Magana)

06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 01/15/2014, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and confirm pipe size. Conflicting information regarding pipe size was received from the City of Sacramento, PACP report indicates a 24-inch pipe, City alignment layer indicates a 10-inch pipe and UCIP's record indicates a 15-inch pipe. (DWR UCIP - O. Magana)

01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material through the levee, 8.5 feet below the crown. Flap gate is located on the waterside (WS) end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

FS Date: 12/19/2013

Photo 2 of 3 : UCIP_FA_2018_41549_57086.jpg



View of floodwall along waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.95	Rating **	M	Issue No.	192 (cont)	
LM End	1.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627568 °	38.627568 °	
				-121.434815 °	-121.434815 °	
DWR ID	24259					
Comment Code						
Inspector Comment						
FS_ID:41549 DS_ID:24259 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck at Delmar Way. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 01/15/2014, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and confirm pipe size. Conflicting information regarding pipe size was received from the City of Sacramento, PACP report indicates a 24-inch pipe, City alignment layer indicates a 10-inch pipe and UCIP's record indicates a 15-inch pipe. (DWR UCIP – O. Magana) 01/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 15-inch drainage pipe of unknown material through the levee, 8.5 feet below the crown. Flap gate is located on the waterside (WS) end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_41549_57085.jpg



Debris screen visible on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	1.98	Rating **	U	Issue No.	167
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627433 °	38.627433 °
				-121.434341 °	-121.434341 °
DWR ID	DWR_NA0001_01_s_2012_167				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_167_20180911_00052.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.99	Rating **	M	Issue No.	55
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627400 °	38.627400 °
				-121.434193 °	-121.434193 °
DWR ID	DWR_NA0001_01_f_2015_55				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

LM Start	1.99	Rating **	M	Issue No.	1
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627318 °	38.627318 °
				-121.434208 °	-121.434208 °
DWR ID	DWR_NA0001_01_s_2012_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vine growing on fence and slope blocks visibility.					

Photo 1 of 1 : FA_2018_NA0001_51_1_20180911_00001.jpg



View of the fence and landscaping at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	2.02	Rating **	U	Issue No.	29
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627292°	38.627292°
				-121.433709°	-121.433709°
DWR ID	DWR_NA0001_01_s_2012_29				
Comment Code					
BU : Building					
Inspector Comment					
Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_29_20180911_00023.jpg



Building foundation is within 15' of the levee toe.

LM Start	2.04	Rating **	U	Issue No.	28
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627257 °	38.627257 °
				-121.433327 °	-121.433327 °
DWR ID	DWR_NA0001_01_s_2012_28				
Comment Code					
BU : Building					
Inspector Comment					
Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_28_20180911_00022.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	2.04	Rating **	M	Issue No.	53
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627266 °	38.627266 °
				-121.433267 °	-121.433267 °
DWR ID	DWR_NA0001_01_f_2015_53				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	2.06	Rating **	M	Issue No.	51
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627251 °	38.627251 °
				-121.432843 °	-121.432843 °
DWR ID	DWR_NA0001_01_f_2015_51				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_51_51_20180911_00033.jpg



View of the fence at the landside levee toe.

LM Start	2.08	Rating **	M	Issue No.	193
LM End	2.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627239 °	38.627239 °
				-121.432501 °	-121.432501 °
DWR ID	24420				
Comment Code					
Inspector Comment					
FS_ID:31185 DS_ID:24420 EP_NO: 13044 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use. FIELD_STRUCT_DESC: 12-inch steel water main through the levee, 4 feet below the crown. (12-inch pipe authorized under Permit No. 13044, 1981-City of Sacramento) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_31185_57091.jpg



Overview markers located on bridge and floodwall indicating crossing through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	2.08	Rating **	M	Issue No.	193 (cont)	
LM End	2.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.627239 °		38.627239 °
				-121.432501 °		-121.432501 °
DWR ID	24420					
Comment Code						
Inspector Comment						
FS_ID:31185 DS_ID:24420 EP_NO: 13044 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use. FIELD_STRUCT_DESC: 12-inch steel water main through the levee, 4 feet below the crown. (12-inch pipe authorized under Permit No. 13044, 1981-City of Sacramento) FS Date: 12/19/2013						

LM Start	2.08	Rating **	M	Issue No.	193 (cont)
LM End	2.08	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31185_57090.jpg



Markers visible of crossing on bridge.

Photo 3 of 3 : UCIP_FA_2018_31185_57089.jpg



Marker of crossing on floodwall indicating crossing through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08		Luz Dial

LM Start	2.08	Rating **	M	Issue No.	194	
LM End	2.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627242 °	38.627242 °	
				-121.432469 °	-121.432469 °	
DWR ID	24797					
Comment Code						
Inspector Comment						
FS_ID:31424						
DS_ID:24797						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: no permit--need to determine additional information and owner of crossings.						
FIELD_STRUCT_DESC: one 4-inch conduit and one 2-inch communication cable through levee at an unknown depth below the crown. Conduits are suspended through waterway and attached to downstream face of bridge.						
FS Date: 12/19/2013						

LM Start	2.08	Rating **	M	Issue No.	194 (cont)
LM End	2.08	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_31424_57481.jpg



View of waterward side--conduits visible on bridge face.

Photo 2 of 2 : UCIP_FA_2018_31424_57480.jpg



Service box located on sidewalk unable to determine if box belongs to conduits.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 02 Natomas E Canal			Left	3.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/7/2018 - 5/7/2018		10/10/2018 - 10/15/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.17	Rating **	A/W	Issue No.	39
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.604455 °	38.604455 °
				-121.470417 °	-121.470417 °
DWR ID	DWR_NA0001_02_f_2018_39				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on waterside slope.					

Photo 1 of 1 : FA_2018_NA0001_52_39_20181015_00057.jpg



View of stair steps dug into levee slope. Fall 2018

LM Start	0.33	Rating **	A/W	Issue No.	23
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.605827 °	38.605827 °
				-121.468071 °	-121.468071 °
DWR ID	DWR_NA0001_02_f_2018_23				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on levee slope.					

Photo 1 of 1 : FA_2018_NA0001_52_23_20181015_00056.jpg



View of footpath on levee slope. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.36	Rating **	M	Issue No.	151	
LM End	0.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.606204 °	38.606204 °	
				-121.467817 °	-121.467817 °	
DWR ID	24798					
Comment Code						
Inspector Comment						
FS_ID:31443 DS_ID:24798 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate 4-inch HDPE under Arden-Garden Connector. (DWR UCIP - O. Magana) 12/06/2013 no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 4-inch high density polyethylene (HDPE) pipe through levee at unknown depth. (no permit has been identified authorizing this crossing, owner has not been identified) FS Date: 12/6/2013						

LM Start	0.36	Rating **	M	Issue No.	151 (cont)
LM End	0.36	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31443_57484.jpg



View of waterward slope.

Photo 2 of 3 : UCIP_FA_2018_31443_57483.jpg



View of pipe through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.36	Rating **	M	Issue No.	151 (cont)	
LM End	0.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.606204 °	38.606204 °	
				-121.467817 °	-121.467817 °	
DWR ID	24798					
Comment Code						
Inspector Comment						
FS_ID:31443 DS_ID:24798 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate 4-inch HDPE under Arden-Garden Connector. (DWR UCIP - O. Magana) 12/06/2013 no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 4-inch high density polyethylene (HDPE) pipe through levee at unknown depth. (no permit has been identified authorizing this crossing, owner has not been identified) FS Date: 12/6/2013						

Photo 3 of 3 : UCIP_FA_2018_31443_57482.jpg



View of landward side.

LM Start	0.36	Rating **	M	Issue No.	42
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606229 °	38.606229 °
				-121.467867 °	-121.467867 °
DWR ID	DWR_NA0001_02_f_2018_42				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage from a footpath dug into the slope.					

Photo 1 of 1 : FA_2018_NA0001_52_42_20181015_00058.jpg



View of footpath dug into levee slope and lined with rocks. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.37	Rating **	M	Issue No.	21
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606430°	38.606430°
				-121.467782°	-121.467782°
DWR ID	DWR_NA0001_02_f_2018_21				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair slope damage.					

Photo 1 of 1 : FA_2018_NA0001_52_21_20181015_00055.jpg



View of slope damage on levee slope. Fall 2018

LM Start	0.37	Rating **	M	Issue No.	43
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606435°	38.606435°
				-121.467772°	-121.467772°
DWR ID	DWR_NA0001_02_f_2018_43				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage from footpath dug into slope.					

Photo 1 of 1 : FA_2018_NA0001_52_43_20181015_00059.jpg



View of footpath dug into levee slope and lined with rocks. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	152
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID	24274				

Comment Code

Inspector Comment

FS_ID:49533

DS_ID:24274

EP_NO: 6064

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.

FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (36-inch pipe installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]

FS Date: 12/19/2013

Photo 1 of 3 : UCIP_FA_2018_49533_55042.jpg



View of landward side--pump station with multiple pumps.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	152 (cont)
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID	24274				

Comment Code

Inspector Comment

FS_ID:49533
DS_ID:24274
EP_NO: 6064
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.
FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (36-inch pipe installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]
FS Date: 12/19/2013

Photo 2 of 3 : UCIP_FA_2018_49533_55041.jpg



Vault located on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	152 (cont)	
LM End	0.55	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.608870 °	38.608870 °	
				-121.466856 °	-121.466856 °	
DWR ID	24274					
Comment Code						
Inspector Comment						
FS_ID:49533 DS_ID:24274 EP_NO: 6064 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry. FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (36-inch pipe installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_49533_55040.jpg



Concrete headwall visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	153
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608763 °	38.608763 °
				-121.466885 °	-121.466885 °
DWR ID	24612				

Comment Code

Inspector Comment

FS_ID:51428

DS_ID:24612

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Not Found

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at which time if the old pumping plant has not been used the pipe through the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3. (DWR UCIP - O. Magana)12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: [Sump No. 153] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (30-inch was sleeved in 1958) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]; 30-inch was sleeved through 36-inch pipe under Permit No. 2553, 1958-[ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].

FS Date: 12/19/2013

Photo 1 of 2 : UCIP_FA_2018_51428_75580.jpg



Approx. location of USACE O&M original 36-inch located 40 feet downstream from Sump 153.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	153 (cont)
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.608763 °	38.608763 °	
			-121.466885 °	-121.466885 °	
DWR ID	24612				

Comment Code

Inspector Comment

FS_ID:51428

DS_ID:24612

EP_NO: N/A

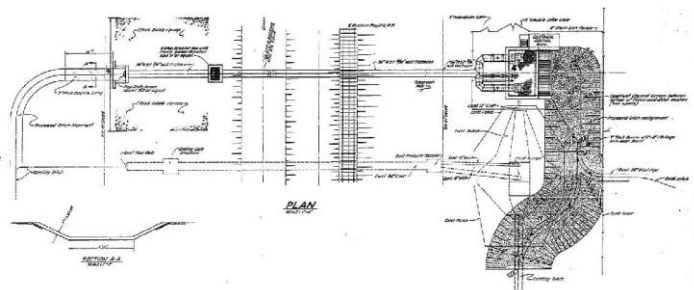
Repair Type: Non-Urgent

Crossing Status: Not Found

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at which time if the old pumping plant has not been used the pipe through the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3. (DWR UCIP - O. Magana)12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: [Sump No. 153] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (30-inch was sleeved in 1958) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]; 30-inch was sleeved through 36-inch pipe under Permit No. 2553, 1958-[ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].
FS Date: 12/19/2013

Photo 2 of 2 : UCIP_FA_2018_51428_75578.jpg



Sump 153 Plan and Profile, existing Pump Plant No. 3 referenced.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of footpath on waterside slope. Fall 2018

View of the rodent holes in the waterside levee slope. Fall 2016

View of two large holes on levee slope. Fall 2018

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	0.92	Rating **	M	Issue No.	41
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.614240 °	38.614240 °
				-121.466645 °	-121.466645 °
DWR ID	DWR_NA0001_02_f_2018_41				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage from footpath dug into levee.					

Photo 1 of 1 : FA_2018_NA0001_52_41_20181015_00052.jpg



View of steps dug into levee slope. Fall 2018

LM Start	0.99	Rating **	A/W	Issue No.	40
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.615296 °	38.615296 °
				-121.466856 °	-121.466856 °
DWR ID	DWR_NA0001_02_f_2018_40				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor erosion rills on slope.					

Photo 1 of 1 : FA_2018_NA0001_52_40_20181015_00051.jpg



View of erosion rills on slope. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

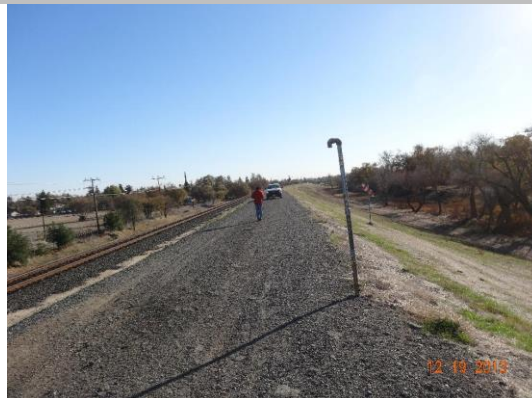
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.02	Rating **	M	Issue No.	154
LM End	1.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID	24613				
Comment Code					
Inspector Comment					
FS_ID:52673 DS_ID:24613 EP_NO: 2347 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for DFDS 3561 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. (DWR UCIP - A. McDonald)11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present, however, unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana) 12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 6-inch gas line of unknown material through the levee, 2.5 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (6-inch line authorized under Permit No. 2347, 1957 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_52673_55451.jpg



Overview of levee crown with utility gas markers on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.02	Rating **	M	Issue No.	154 (cont)	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615697 °	38.615697 °	
				-121.466952 °	-121.466952 °	
DWR ID	24613					
Comment Code						
Inspector Comment						

FS_ID:52673
DS_ID:24613
EP_NO: 2347
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 PG&E records for DFDS 3561 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. (DWR UCIP - A. McDonald)11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present, however, unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana)
12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 6-inch gas line of unknown material through the levee, 2.5 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (6-inch line authorized under Permit No. 2347, 1957 - Pacific Gas and Electric Company [PG&E])
[Additional Reference(s): DWR Levee Log, 2002]
FS Date: 12/19/2013

Photo 2 of 3 : UCIP_FA_2018_52673_55453.jpg



Contact information for owner--sign visible on waterward side slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.02	Rating **	M	Issue No.	154 (cont)	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.615697 °		38.615697 °
				-121.466952 °		-121.466952 °
DWR ID	24613					
Comment Code						
Inspector Comment						
FS_ID:52673 DS_ID:24613 EP_NO: 2347 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for DFDS 3561 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. (DWR UCIP - A. McDonald)11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present, however, unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana) 12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 6-inch gas line of unknown material through the levee, 2.5 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (6-inch line authorized under Permit No. 2347, 1957 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_52673_55452.jpg



Multiple markers visible on waterward side--post with contact information.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.03	Rating **	M	Issue No.	155
LM End	1.03	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.615760 °	38.615760 °	
			-121.466950 °	-121.466950 °	
DWR ID	24277				

Comment Code

Inspector Comment

FS_ID:52679
DS_ID:24277
EP_NO: 2333
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana)
12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 12-inch gas line of unknown material through the levee, 3 feet below the crown. Abandoned by grouting in 2002. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12-inch line authorized under Permit No. 2333, 1957 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 12/19/2013

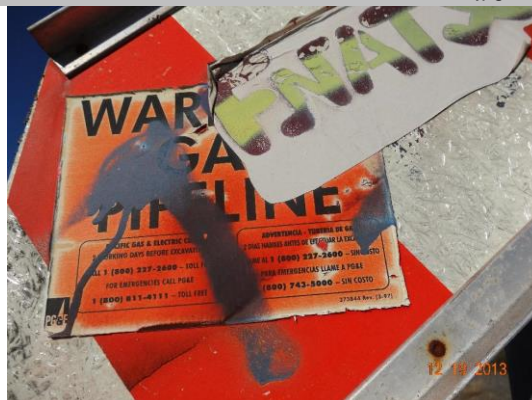
LM Start	1.03	Rating **	M	Issue No.	155 (cont)
LM End	1.03	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_52679_52766.jpg



Overview of levee crown at crossings.

Photo 2 of 3 : UCIP_FA_2018_52679_52768.jpg



Marker with emergency contact information located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.03	Rating **	M	Issue No.	155 (cont)	
LM End	1.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.615760 °	38.615760 °	
				-121.466950 °	-121.466950 °	
DWR ID	24277					
Comment Code						
Inspector Comment						
FS_ID:52679 DS_ID:24277 EP_NO: 2333 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana) 12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 12-inch gas line of unknown material through the levee, 3 feet below the crown. Abandoned by grouting in 2002. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12-inch line authorized under Permit No. 2333, 1957 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_52679_52767.jpg



Marker located on the waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.03	Rating **	M	Issue No.	156	
LM End	1.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615772 °	38.615772 °	
				-121.466971 °	-121.466971 °	
DWR ID	24614					
Comment Code						
Inspector Comment						
FS_ID:52682 DS_ID:24614 EP_NO: 1450 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel gas line through the levee, 3 feet below the crown. Concrete cutoff wall around pipe under center of levee. Abandoned by grouting in 2002. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12-inch pipe abandoned under Permit No. 17468, 2004 - Pacific Gas and Electric Company [PG&E]; 12-inch line authorized under Permit No. 1450, 1949 - PG&E) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, (Station 243+31)] FS Date: 12/19/2013						

LM Start	1.03	Rating **	M	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_52682_52778.jpg



Overview of levee crown at crossings.

Photo 2 of 3 : UCIP_FA_2018_52682_52780.jpg



Marker with emergency contact information located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.03	Rating **	M	Issue No.	156 (cont)	
LM End	1.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615772 °	38.615772 °	
				-121.466971 °	-121.466971 °	
DWR ID	24614					
Comment Code						
Inspector Comment						
FS_ID:52682 DS_ID:24614 EP_NO: 1450 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel gas line through the levee, 3 feet below the crown. Concrete cutoff wall around pipe under center of levee. Abandoned by grouting in 2002. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12-inch pipe abandoned under Permit No. 17468, 2004 - Pacific Gas and Electric Company [PG&E]; 12-inch line authorized under Permit No. 1450, 1949 - PG&E) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, (Station 243+31)] FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_FA_2018_52682_52779.jpg



Marker located on the waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	157	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615895 °	38.615895 °	
				-121.466991 °	-121.466991 °	
DWR ID	24280					
Comment Code						
Inspector Comment						
FS_ID:52684 DS_ID:24280 EP_NO: 17468 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for L-119A indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. ILI in 2016; this integrity assessment identified no issues requiring corrective action. (DWR UCIP - A. McDonald)11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana) 12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 20-inch steel gas pipe of unknown material through the levee, approximately 86 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (20-inch line authorized under Permit No. 17468, 2004 - Pacific Gas and Electric Company [PG&E]). FS Date: 12/19/2013						

Photo 1 of 3 : UCIP_FA_2018_52684_52772.jpg



Overview of levee crown looking downstream at signs of crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	157 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615895 °	38.615895 °	
				-121.466991 °	-121.466991 °	
DWR ID	24280					
Comment Code						
Inspector Comment						

FS_ID:52684
DS_ID:24280
EP_NO: 17468
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 PG&E records for L-119A indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. ILI in 2016; this integrity assessment identified no issues requiring corrective action. (DWR UCIP - A. McDonald) 11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana)
12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 20-inch steel gas pipe of unknown material through the levee, approximately 86 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (20-inch line authorized under Permit No. 17468, 2004 - Pacific Gas and Electric Company [PG&E]).
FS Date: 12/19/2013

Photo 2 of 3 : UCIP_FA_2018_52684_52774.jpg



Marker visible on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	157 (cont)
LM End	1.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID	24280				

Comment Code

Inspector Comment

FS_ID:52684
DS_ID:24280
EP_NO: 17468
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 PG&E records for L-119A indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 06/2017 CP inspection. ILI in 2016; this integrity assessment identified no issues requiring corrective action. (DWR UCIP - A. McDonald) 11/3/2014 Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. (DWR UCIP - O. Magana)
12/19/2013 Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 20-inch steel gas pipe of unknown material through the levee, approximately 86 feet below the crown. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (20-inch line authorized under Permit No. 17468, 2004 - Pacific Gas and Electric Company [PG&E]).
FS Date: 12/19/2013

Photo 3 of 3 : UCIP_FA_2018_52684_52773.jpg



Additional marker located on waterward levee crown hinge point.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of footpath on levee slope. Fall 2018

No Photos

View of the damaged landside levee slope. Fall 2015

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	1.44	Rating **	A/W	Issue No.	34
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621682 °	38.621682 °
				-121.468128 °	-121.468128 °
DWR ID	DWR_NA0001_02_f_2018_34				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor slope damage from foot traffic.					

No Photos

LM Start	1.71	Rating **	A/W	Issue No.	33
LM End	1.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625528 °	38.625528 °
				-121.468865 °	-121.468865 °
DWR ID	DWR_NA0001_02_f_2018_33				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on slope.					

No Photos

LM Start	2.05	Rating **	M	Issue No.	25
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.630425 °	38.630425 °
				-121.469807 °	-121.469807 °
DWR ID	DWR_NA0001_02_f_2015_25				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_52_25_20180911_00007.jpg



View of the landside levee slope damaged by foot traffic.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.22	Rating **	A/W	Issue No.	31
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.632841 °	38.632841 °
				-121.470258 °	-121.470258 °
DWR ID	DWR_NA0001_02_f_2018_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor slope damage.					

Photo 1 of 1 : FA_2018_NA0001_52_31_20181015_00049.jpg



View of slope damage possibly from foot traffic. Fall 2018

LM Start	2.25	Rating **	A/W	Issue No.	30
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.633308 °	38.633308 °
				-121.470349 °	-121.470349 °
DWR ID	DWR_NA0001_02_f_2018_30				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor steps dug into levee slope.					

Photo 1 of 1 : FA_2018_NA0001_52_30_20181015_00048.jpg



View of stairs steps dug into levee slope. Fall 2018

LM Start	2.33	Rating **	A/W	Issue No.	150
LM End	2.33	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.634446 °	38.634446 °
				-121.470573 °	-121.470573 °
DWR ID	DWR_NA0001_02_s_2012_150				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor erosion at this location. Also noted in USACE PI.					

Photo 1 of 2 : FA_2018_NA0001_52_150_20180911_00010.jpg



Spring 2017 - View of the depression, the issue has not gotten any worse since the fall 2011 inspection.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.59	Rating **	M	Issue No.	27
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.638109°	38.638109°
				-121.471254°	-121.471254°
DWR ID	DWR_NA0001_02_f_2016_27				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_52_27_20180911_00009.jpg



View of the foot path on the landside levee slope. Fall 2016

LM Start	2.64	Rating **	M	Issue No.	28
LM End	2.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.638829 °	38.638829 °
				-121.471397 °	-121.471397 °
DWR ID	DWR_NA0001_02_f_2018_28				
Comment Code					
DE : Debris					
Inspector Comment					
Homeless camp debris on levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	158	
LM End	2.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.640988 °	38.640988 °	
				-121.471797 °	-121.471797 °	
DWR ID	24608					
Comment Code						
Inspector Comment						
FS_ID:49862 DS_ID:24608 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation. FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013						

LM Start	2.79	Rating **	M	Issue No.	158 (cont)
LM End	2.79	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49862_52893.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2018_49862_52891.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	158 (cont)	
LM End	2.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.640988 °	38.640988 °	
				-121.471797 °	-121.471797 °	
DWR ID	24608					
Comment Code						
Inspector Comment						
FS_ID:49862						
DS_ID:24608						
EP_NO: 9596						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation.						
FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_49862_52894.jpg



Dense vegetation located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	159
LM End	2.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016 °	38.641016 °
				-121.471805 °	-121.471805 °
DWR ID	24609				
Comment Code					
Inspector Comment					
FS_ID:49863 DS_ID:24609 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope. FIELD_STRUCT_DESC: [Sump No. 157] 2 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013					

LM Start	2.79	Rating **	M	Issue No.	159 (cont)
LM End	2.79	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49863_52902.jpg



Overview of levee crown with two concrete boxes with multiple crossings inside.

Photo 2 of 3 : UCIP_FA_2018_49863_52901.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	159 (cont)	
LM End	2.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.641016 °	38.641016 °	
				-121.471805 °	-121.471805 °	
DWR ID	24609					
Comment Code						
Inspector Comment						
FS_ID:49863 DS_ID:24609 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope. FIELD_STRUCT_DESC: [Sump No. 157] 2 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_49863_52906.jpg



Dense vegetation located on waterward slope.

LM Start	2.79	Rating **	M	Issue No.	1
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.641029°	38.641029°
				-121.471801°	-121.471801°
DWR ID	DWR_NA0001_02_f_2017_1				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps dug into the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_52_1_20180911_00001.jpg



View of the unpermitted steps in the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	160
LM End	2.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID	24610				

Comment Code

Inspector Comment

FS_ID:53492

DS_ID:24610

EP_NO: 9596-1

Repair Type: Non-Urgent

Crossing Status: Indicator Found

UCIP Comments: 07/18/2018 Pumping plant and discharge pipes appear to be the same as last time. Up and over pipe: no flooding risk. Need records from the owner. Crossing downgraded to "Non-Urgent" until we receive records from the owner, indicating that this crossing is in good condition and does not need repair. (DWR UCIP - A.

McDonald)09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (Three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002].

FS Date: 7/18/2018

Photo 1 of 3 : UCIP_FA_2018_53492_52912.jpg



Overview of levee crown with two concrete boxes with multiple crossings inside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	160 (cont)
LM End	2.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID	24610				

Comment Code

Inspector Comment

FS_ID:53492
DS_ID:24610
EP_NO: 9596-1
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/18/2018 Pumping plant and discharge pipes appear to be the same as last time. Up and over pipe: no flooding risk. Need records from the owner. Crossing downgraded to "Non-Urgent" until we receive records from the owner, indicating that this crossing is in good condition and does not need repair. (DWR UCIP - A. McDonald)09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (Three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002].
FS Date: 7/18/2018

Photo 2 of 3 : UCIP_FA_2018_53492_52910.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

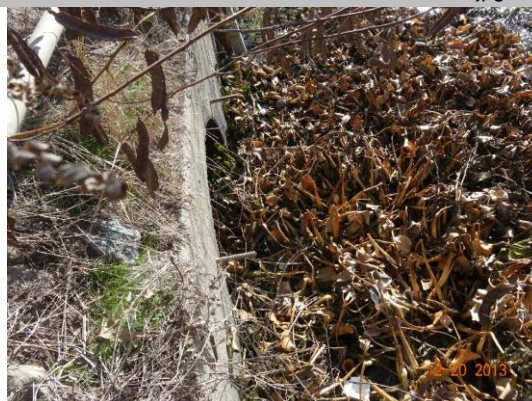
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	2.79	Rating **	M	Issue No.	160 (cont)	
LM End	2.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.641041 °	38.641041 °	
				-121.471809 °	-121.471809 °	
DWR ID	24610					
Comment Code						
Inspector Comment						
FS_ID:53492 DS_ID:24610 EP_NO: 9596-1 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/18/2018 Pumping plant and discharge pipes appear to be the same as last time. Up and over pipe: no flooding risk. Need records from the owner. Crossing downgraded to "Non-Urgent" until we receive records from the owner, indicating that this crossing is in good condition and does not need repair. (DWR UCIP - A. McDonald)09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (Three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/18/2018						

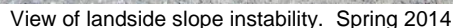
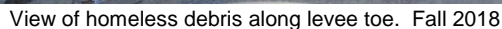
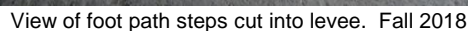
Photo 3 of 3 : UCIP_FA_2018_53492_52913.jpg



Gate missing for 3rd pipe on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District



**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/10/2018 10/15/2018	Luz Dial

LM Start	3.72	Rating **	U	Issue No.	17
LM End	3.72	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654295 °	38.654295 °
				-121.474330 °	-121.474330 °
DWR ID	DWR_NA0001_02_f_2018_17				
Comment Code					
DE : Debris					
Inspector Comment					
Homeless debris on levee slope.					

Photo 1 of 1 : FA_2018_NA0001_52_17_20181015_00042.jpg



View of homeless debris on levee slope. Fall 2018

LM Start	3.86	Rating **	U	Issue No.	15
LM End	3.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.656415 °	38.656415 °
				-121.474749 °	-121.474749 °
DWR ID	DWR_NA0001_02_f_2018_15				
Comment Code					
DE : Debris					
Inspector Comment					
Homeless debris on levee ramp.					

Photo 1 of 1 : FA_2018_NA0001_52_15_20181015_00041.jpg



View of homeless debris on levee slope. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 03 American River			Right	2.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		10/22/2018 - 10/22/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	0.60	Rating **	A	Issue No.	11
LM End	3.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589045 °	38.602875 °
				-121.428313 °	-121.472648 °
DWR ID	DWR_NA0001_03_f_2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_490_11_20181023_00029.jpg



View of waterside vegetation. Fall 2018

LM Start	1.53	Rating **	M	Issue No.	25	
LM End	1.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593054 °	38.593054 °	
				-121.444155 °	-121.444155 °	
DWR ID	24292					
Comment Code						
Inspector Comment						
FS_ID:50047 DS_ID:24292 EP_NO: 5776 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Drainage Plant No. 2] 5 of 6: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 - American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 8/11/2016						

Photo 1 of 3 : UCIP_FA_2018_50047_53005.jpg



View of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.53	Rating **	M	Issue No.	25 (cont)	
LM End	1.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593054 °	38.593054 °	
				-121.444155 °	-121.444155 °	
DWR ID	24292					

Comment Code

Inspector Comment

FS_ID:50047
DS_ID:24292
EP_NO: 5776
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: [Drainage Plant No. 2] 5 of 6: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 - American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002].
FS Date: 8/11/2016

LM Start	1.53	Rating **	M	Issue No.	25 (cont)
LM End	1.53	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_50047_53004.jpg



View of levee crown--concrete vault located on WS shoulder.

Photo 3 of 3 : UCIP_FA_2018_50047_53003.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.54	Rating **	M	Issue No.	26	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593290 °	38.593290 °	
				-121.443980 °	-121.443980 °	
DWR ID	24644					
Comment Code						
Inspector Comment						
FS_ID:31224 DS_ID:24644 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/3/2013						

LM Start	1.54	Rating **	M	Issue No.	26 (cont)
LM End	1.54	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31224_57130.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_31224_57129.jpg



Concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.54	Rating **	M	Issue No.	26 (cont)	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593290 °	38.593290 °	
				-121.443980 °	-121.443980 °	
DWR ID	24644					
Comment Code						
Inspector Comment						
FS_ID:31224 DS_ID:24644 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/3/2013						

Photo 3 of 3 : UCIP_FA_2018_31224_57128.jpg



View of landward side.

LM Start	1.54	Rating **	M	Issue No.	27
LM End	1.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID	24645				
Comment Code					
Inspector Comment					
FS_ID:31225 DS_ID:24645 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/3/2013					

Photo 1 of 3 : UCIP_FA_2018_31225_57135.jpg



View of levee crown and concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.54	Rating **	M	Issue No.	27 (cont)	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593290 °	38.593290 °	
				-121.443980 °	-121.443980 °	
DWR ID	24645					
Comment Code						
Inspector Comment						
FS_ID:31225 DS_ID:24645 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/3/2013						

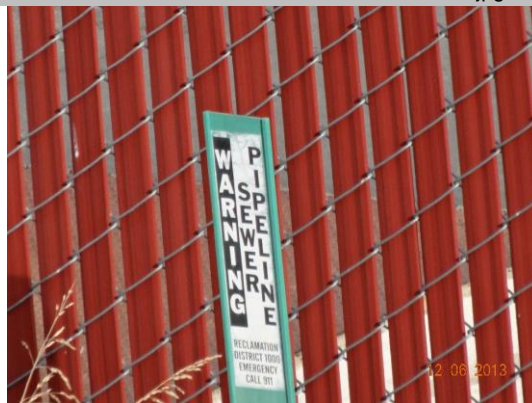
LM Start	1.54	Rating **	M	Issue No.	27 (cont)
LM End	1.54	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31225_57134.jpg



View of landward side.

Photo 3 of 3 : UCIP_FA_2018_31225_57132.jpg



Sewer marker visible on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.54	Rating **	M	Issue No.	28	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593353 °	38.593353 °	
				-121.444478 °	-121.444478 °	
DWR ID	24293					
Comment Code						
Inspector Comment						
FS_ID:31227 DS_ID:24293 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Will need to coordinate with the owner to determine the status of the crossings. FIELD_STRUCT_DESC: [Sacramento County Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 6 feet below the crown, 2 feet below slopes, and 4 feet along channel bottom. Concrete cutoff wall around the pipe under the center of the levee. 2-inch air release valve located on the waterside (WS) shoulder of the north levee. Treatment plant on the landside (LS). Crossing continues under the channel and through the opposite levee. (18-inch pipe authorized under Permit No. 2805, 1958 - Sacramento County Sanitation District No. 2). FS Date: 12/3/2013						

LM Start	1.54	Rating **	M	Issue No.	28 (cont)
LM End	1.54	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31227_57140.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_31227_57138.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.54	Rating **	M	Issue No.	28 (cont)	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593353 °	38.593353 °	
				-121.444478 °	-121.444478 °	
DWR ID	24293					
Comment Code						
Inspector Comment						
FS_ID:31227 DS_ID:24293 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Will need to coordinate with the owner to determine the status of the crossings. FIELD_STRUCT_DESC: [Sacramento County Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 6 feet below the crown, 2 feet below slopes, and 4 feet along channel bottom. Concrete cutoff wall around the pipe under the center of the levee. 2-inch air release valve located on the waterside (WS) shoulder of the north levee. Treatment plant on the landside (LS). Crossing continues under the channel and through the opposite levee. (18-inch pipe authorized under Permit No. 2805, 1958 - Sacramento County Sanitation District No. 2). FS Date: 12/3/2013						

Photo 3 of 3 : UCIP_FA_2018_31227_57143.jpg



View of levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.55	Rating **	M	Issue No.	29	
LM End	1.55	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593224 °	38.593224 °	
				-121.444299 °	-121.444299 °	
DWR ID	24643					
Comment Code						
Inspector Comment						
FS_ID:31223 DS_ID:24643 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station]: 24-inch reinforced concrete sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). Line connects to an existing 18-inch sewer line and 8-inch line installed under permit no. 6216. The line also connects to an existing 24-inch line located on the LS. The 24-inch line on LS parallels the levee for approximately 54 feet and ends at the pump station. (8-inch and 24-inch sewage force main fro Arden treatment plant to Elvas Freeway authorized under Permit No. 6216, 1969-Arden Sanitation District County of Sacramento, Utilities Division) FS Date: 12/3/2013						

LM Start	1.55	Rating **	M	Issue No.	29 (cont)
LM End	1.55	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31223_57124.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_31223_57123.jpg



Concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.55	Rating **	M	Issue No.	29 (cont)
LM End	1.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID	24643				
Comment Code					
Inspector Comment					
FS_ID:31223 DS_ID:24643 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station]: 24-inch reinforced concrete sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). Line connects to an existing 18-inch sewer line and 8-inch line installed under permit no. 6216. The line also connects to an existing 24-inch line located on the LS. The 24-inch line on LS parallels the levee for approximately 54 feet and ends at the pump station. (8-inch and 24-inch sewage force main fro Arden treatment plant to Elvas Freeway authorized under Permit No. 6216, 1969-Arden Sanitation District County of Sacramento, Utilities Division) FS Date: 12/3/2013					

Photo 3 of 3 : UCIP_FA_2018_31223_57122.jpg



View of landward side.

LM Start	1.91	Rating **	M	Issue No.	30
LM End	1.91	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID	24801				
Comment Code					
Inspector Comment					
FS_ID:31230 DS_ID:24801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterside (WS) and landside (LS). Kinder Morgan contacts' information is 916-363-1666. FS Date: 12/6/2013					

Photo 1 of 3 : UCIP_FA_2018_31230_57146.jpg



View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.91	Rating **	M	Issue No.	30 (cont)	
LM End	1.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.596096 °	38.596096 °	
				-121.449815 °	-121.449815 °	
DWR ID	24801					
Comment Code						
Inspector Comment						
FS_ID:31230 DS_ID:24801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterside (WS) and landside (LS). Kinder Morgan contacts' information is 916-363-1666. FS Date: 12/6/2013						

Photo 2 of 3 : UCIP_FA_2018_31230_57145.jpg



Overview of levee crown at crossing.

LM Start	1.91	Rating **	M	Issue No.	30 (cont)
LM End	1.91	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_31230_57144.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.91	Rating **	M	Issue No.	31
LM End	1.91	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID	24294				
Comment Code					
Inspector Comment					
FS_ID:29826					
DS_ID:24294					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.					
FIELD_STRUCT_DESC: Communications conduit through the levee at unknown depth. [Additional Reference(s): DWR Levee Log, 2002]					
FS Date: 12/6/2013					

LM Start	1.91	Rating **	M	Issue No.	31 (cont)
LM End	1.91	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_29826_55135.jpg



Overview of levee crown looking upstram at crossing.

Photo 2 of 3 : UCIP_FA_2018_29826_55134.jpg



View of landward side--conduit markers visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of waterward side--markers visible.

Overview of levee crown looking upstream at crossing.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	1.92	Rating **	M	Issue No.	32 (cont)	
LM End	1.92	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.596108 °	38.596108 °	
				-121.449887 °	-121.449887 °	
DWR ID	24296					
Comment Code						
Inspector Comment						
FS_ID:29827 DS_ID:24296 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work. FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location. [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/6/2013						

Photo 2 of 3 : UCIP_FA_2018_29827_55140.jpg



Conduit markers visible on landward side.

LM Start	1.92	Rating **	M	Issue No.	32 (cont)
LM End	1.92	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_29827_55139.jpg



Conduit markers visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	3.07	Rating **	A	Issue No.	10
LM End	3.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598067 °	38.598067 °
				-121.469155 °	-121.469155 °
DWR ID	DWR_NA0001_03_f_2018_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_490_10_20181023_00030.jpg



View of landside vegetation. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	3.29	Rating **	M	Issue No.	33							
LM End	3.29	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.600718 °	38.600718 °								
			-121.471491 °	-121.471491 °								
DWR ID	24648											
Comment Code												
Inspector Comment												
FS_ID:52686 DS_ID:24648 EP_NO: 911 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 PG&E records for DFM 0613-01 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 05/2017 leak survey, and the pipeline is operating correctly according to the 04/2017 CP inspection. ECDA in 2015; this integrity assessment identified no issues requiring corrective action. ILI in 2016; all corrective actions identified in this integrity assessment have been resolved. (DWR UCIP - A. McDonald)8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line of unknown material through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12.75-inch line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E]) FS Date: 8/11/2016												

Photo 1 of 3 : UCIP_FA_2018_52686_53391.jpg



View of LS slope and USA paint markings indicating alignment.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	3.29	Rating **	M	Issue No.	33 (cont)	
LM End	3.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.600718 °	38.600718 °	
				-121.471491 °	-121.471491 °	
DWR ID	24648					
Comment Code						
Inspector Comment						
FS_ID:52686 DS_ID:24648 EP_NO: 911 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 PG&E records for DFM 0613-01 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 05/2017 leak survey, and the pipeline is operating correctly according to the 04/2017 CP inspection. ECDA in 2015; this integrity assessment identified no issues requiring corrective action. ILI in 2016; all corrective actions identified in this integrity assessment have been resolved. (DWR UCIP - A. McDonald)8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line of unknown material through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12.75-inch line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E]) FS Date: 8/11/2016						

Photo 2 of 3 : UCIP_FA_2018_52686_53390.jpg



Underground service alert (USA) approximate alignment for 12-inch gas line through levee and WS--USA markings on bike path.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	3.29	Rating **	M	Issue No.	33 (cont)	
LM End	3.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.600718 °	38.600718 °	
				-121.471491 °	-121.471491 °	
DWR ID	24648					
Comment Code						
Inspector Comment						
FS_ID:52686 DS_ID:24648 EP_NO: 911 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 PG&E records for DFM 0613-01 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 05/2017 leak survey, and the pipeline is operating correctly according to the 04/2017 CP inspection. ECDA in 2015; this integrity assessment identified no issues requiring corrective action. ILI in 2016; all corrective actions identified in this integrity assessment have been resolved. (DWR UCIP - A. McDonald)8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line of unknown material through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (12.75-inch line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E]) FS Date: 8/11/2016						

Photo 3 of 3 : UCIP_FA_2018_52686_53389.jpg



View of LS with undergroundservice alert (USA) paint with approximate alignment of multiple crossing in general area.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/22/2018 10/22/2018	Luz Dial

LM Start	3.31	Rating **	M	Issue No.	24
LM End	3.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600958 °	38.600958 °
				-121.471618 °	-121.471618 °
DWR ID	DWR_NA0001_03_s_2015_24				
Comment Code					
PO : Pole					
Inspector Comment					
SMUD replacing old pole at the landside toe of the levee. Pole line does not appear to be permitted.					

Photo 1 of 1 : FA_2018_NA0001_490_24_20180911_00001.jpg



View of a new pole installed at the landside levee toe. Spring 2015

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 04 American River			Left	10.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/11/2018		10/17/2018 - 10/22/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	0.06	Rating **	M	Issue No.	746
LM End	0.06	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID	24344				
Comment Code					
Inspector Comment					
FS_ID:29003 DS_ID:24344 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit of unknown material through the levee at unknown depth. FS Date: 12/19/2013					

LM Start	0.06	Rating **	M	Issue No.	746 (cont)
LM End	0.06	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_29003_53405.jpg



Approximate alignment provided by the City of Sacramento for 2 inch line. Point labelled in green is field verified location where signs of crossing exist.

Photo 2 of 3 : UCIP_FA_2018_29003_53404.jpg



Overview of levee crown and waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	0.06	Rating **	M	Issue No.	746 (cont)
LM End	0.06	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID	24344				
Comment Code					
Inspector Comment					
FS_ID:29003 DS_ID:24344 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit of unknown material through the levee at unknown depth. FS Date: 12/19/2013					

Photo 3 of 3 : UCIP_FA_2018_29003_53402.jpg



View of waterward side.

LM Start	0.21	Rating **	M	Issue No.	747	
LM End	0.21	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.598982 °		38.598982 °
				-121.505045 °		-121.505045 °
DWR ID	24435					
Comment Code						
Inspector Comment						
FS_ID:29006 DS_ID:24435 EP_NO: 17171 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to find any indications that crossing is still active. Will need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 48-inch steel water line through the levee, approximately 32 feet below the crown. Siphon and blowoff valves in concrete riser on the landside (LS). (48-inch water transmission main authorized under Permit No. 17171, 2001-City of Sacramento, Department of Utilities) FS Date: 12/19/2013						

Photo 1 of 1 : UCIP_FA_2018_29006_53414.jpg



Approximate alignment provided by the City of Sacramento--crossing not found during field visit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	0.31	Rating **	M	Issue No.	1
LM End	0.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599835 °	38.600769 °
				-121.503448 °	-121.501133 °
DWR ID	DWR_NA0001_04_s_2012_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.					

Photo 1 of 1 : FA_2018_NA0001_55_1_20180911_00001.jpg



View of the vines obstructing visibility.

LM Start	0.40	Rating **	M	Issue No.	748	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.600436 °	38.600436 °	
				-121.502058 °	-121.502058 °	
DWR ID	24303					
Comment Code						
Inspector Comment						
FS_ID:31249 DS_ID:24303 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana) 12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in corrugated metal riser and splash board drain structure on the landside (LS). (no permit has been identified authorizing this structure, no owner has been identified) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 10+00)]. FS Date: 12/19/2013						

Photo 1 of 3 : UCIP_FA_2018_31249_57212.jpg



Overview of crossing location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	0.40	Rating **	M	Issue No.	748 (cont)	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.600436 °	38.600436 °	
				-121.502058 °	-121.502058 °	
DWR ID	24303					
Comment Code						
Inspector Comment						
FS_ID:31249 DS_ID:24303 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana) 12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in corrugated metal riser and splash board drain structure on the landside (LS). (no permit has been identified authorizing this structure, no owner has been identified) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 10+00)]. FS Date: 12/19/2013						

LM Start	0.40	Rating **	M	Issue No.	748 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_31249_57209.jpg



View of levee crown at this location.

Photo 3 of 3 : UCIP_FA_2018_31249_57210.jpg



View of waterward side--standpipe located on waterward slope.
Standpipe filled with concrete.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.49	Rating **	M	Issue No.	214
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.599878 °	38.598791 °
				-121.482483 °	-121.479799 °
DWR ID	DWR_NA0001_04_f_2018_214				
Comment Code					
Inspector Comment					
2017 Site ID: LAR 1.8 L					
Status: Eroding					
2017 Field Notes: Site littered with homeless camps. Hard to survey. Site extended downstream.					
Site History: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots.					

Photo 1 of 1 : FA_2018_NA0001_55_214_20181105_00136.jpg



USACE 2013 Photo #1

LM Start	1.70	Rating **	C	Issue No.	221
LM End	1.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.598121 °	38.598121 °
				-121.479275 °	-121.479275 °
DWR ID	DWR_NA0001_04_s_2018_221				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Removed tree from landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.85	Rating **	C	Issue No.	250
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596220°	38.596220°
				-121.477713°	-121.477713°
DWR ID	DWR_NA0001_04_s_2016_250				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.88	Rating **	U	Issue No.	749
LM End	1.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID	24307				

Comment Code

Inspector Comment

FS_ID:53493

DS_ID:24307

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 Besides the holes found in the sewer pipe, everything appears to be the same. Crossing remains "Urgent" due to the holes in the line. There could also be pipe integrity issues under the levee. Since this is an abandoned sewer line, recommend that this pipe be abandoned properly to eliminate any threats to the pipe or the levee. (DWR UCIP - A. McDonald)08/29/2017 After reviewing record dsid 24625, record dsid 24625 appears to be the same record as this entry, dsid 24307. The information from dsid 24625, has been transferred to this entry. The old record will be retired from the UCIP list and considered a duplicate record. This record has been updated to reflect record source origins from both DWR Levee Logs, referenced as a 20-inch pipe, and the USACE O&M manual, 18-inch pipe. (DWR UCIP - O. Magana)

08/16/2017 --previously noted under dsid 24625-- DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate listed as Not Found in UCIP - same pipe as 24492. (DWR UCIP - O. Magana)

8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in the DWR Levee Log) wrapped steel sewer pipe through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. The sewer pipe has holes in it. It appears that this crossing has been mislabeled or replaced. No additional information was found. This sewer pipe is not in use and needs to be abandoned properly or removed. [Additional Reference(s): DWR Levee Log, 1956 and 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 89+28)].

FS Date: 7/18/2018

Photo 1 of 3 : UCIP_FA_2018_53493_53496.jpg



View of line exposed at the bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.88	Rating **	U	Issue No.	749 (cont)	
LM End	1.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.595911 °	38.595911 °	
				-121.477485 °	-121.477485 °	
DWR ID	24307					

Comment Code

Inspector Comment

FS_ID:53493

DS_ID:24307

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 Besides the holes found in the sewer pipe, everything appears to be the same. Crossing remains "Urgent" due to the holes in the line. There could also be pipe integrity issues under the levee. Since this is an abandoned sewer line, recommend that this pipe be abandoned properly to eliminate any threats to the pipe or the levee. (DWR UCIP - A. McDonald)08/29/2017 After reviewing record dsid 24625, record dsid 24625 appears to be the same record as this entry, dsid 24307. The information from dsid 24625, has been transferred to this entry. The old record will be retired from the UCIP list and considered a duplicate record. This record has been updated to reflect record source origins from both DWR Levee Logs, referenced as a 20-inch pipe, and the USACE O&M manual, 18-inch pipe. (DWR UCIP - O. Magana)

08/16/2017 --previously noted under dsid 24625-- DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate listed as Not Found in UCIP - same pipe as 24492. (DWR UCIP - O. Magana)

8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in the DWR Levee Log) wrapped steel sewer pipe through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. The sewer pipe has holes in it. It appears that this crossing has been mislabeled or replaced. No additional information was found. This sewer pipe is not in use and needs to be abandoned properly or removed. [Additional Reference(s): DWR Levee Log, 1956 and 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 89+28)].

FS Date: 7/18/2018

Photo 2 of 3 : UCIP_FA_2018_53493_53495.jpg



Two crossings visible at bridge.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.88	Rating **	U	Issue No.	749 (cont)	
LM End	1.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.595911 °	38.595911 °	
				-121.477485 °	-121.477485 °	
DWR ID	24307					

Comment Code

Inspector Comment

FS_ID:53493

DS_ID:24307

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 Besides the holes found in the sewer pipe, everything appears to be the same. Crossing remains "Urgent" due to the holes in the line. There could also be pipe integrity issues under the levee. Since this is an abandoned sewer line, recommend that this pipe be abandoned properly to eliminate any threats to the pipe or the levee. (DWR UCIP - A. McDonald)08/29/2017 After reviewing record dsid 24625, record dsid 24625 appears to be the same record as this entry, dsid 24307. The information from dsid 24625, has been transferred to this entry. The old record will be retired from the UCIP list and considered a duplicate record. This record has been updated to reflect record source origins from both DWR Levee Logs, referenced as a 20-inch pipe, and the USACE O&M manual, 18-inch pipe. (DWR UCIP - O. Magana)

08/16/2017 --previously noted under dsid 24625-- DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate listed as Not Found in UCIP - same pipe as 24492. (DWR UCIP - O. Magana)

8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in the DWR Levee Log) wrapped steel sewer pipe through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. The sewer pipe has holes in it. It appears that this crossing has been mislabeled or replaced. No additional information was found. This sewer pipe is not in use and needs to be abandoned properly or removed. [Additional Reference(s): DWR Levee Log, 1956 and 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 89+28)].

FS Date: 7/18/2018

Photo 3 of 3 : UCIP_FA_2018_53493_75833.jpg



18-inch abandoned line and 8-inch gas line visible on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.88	Rating **	M	Issue No.	750
LM End	1.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID	24528				

Comment Code

Inspector Comment

FS_ID:52685
DS_ID:24528
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/29/2017 After reviewing record dsid 24492, record dsid 24492 appears to be the same record as this entry, dsid 24528. The information from dsid 24492, has been transferred to this entry. The old record will be retired from the UCIP list and considered a duplicate record. This record has been updated to reflect record source origins from both DWR Levee Logs, referenced as a 10-inch pipe, and the USACE O&M manual, 8-inch pipe. PG&E refers to this line as DFM 0613-01. (DWR UCIP - O. Magana)
08/16/2017 --previously noted under dsid 24492-- DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate listed as Not Found in UCIP - Steel Pipe on Bridge??. (DWR UCIP - O. Magana)
08/11/2017 PG&E records for DFM 0613-01 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 05/2017 leak survey, and the pipeline is operating correctly according to the 04/2017 CP inspection. ECDA in 2015; this integrity assessment identified no issues requiring corrective action. ILI in 2016; all corrective actions identified in this integrity assessment have been resolved. (DWR UCIP - A. McDonald)9/21/2016 According to CVFPB enforcement records. PG&E is working on submitting permit for gas line. (DWR UCIP - omagana)8/11/2016 gas line is clearly marked on WS. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 10-inch steel gas main through the levee, 5 feet below the crown. PG&E label found on waterside (WS) portion of exposed pipe. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

Photo 1 of 3 : UCIP_FA_2018_52685_55422.jpg



Utility lines through levee and across channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.88	Rating **	M	Issue No.	750 (cont)
LM End	1.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID	24528				

Comment Code

Inspector Comment

FS_ID:52685
DS_ID:24528
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/29/2017 After reviewing record dsid 24492, record dsid 24492 appears to be the same record as this entry, dsid 24528. The information from dsid 24492, has been transferred to this entry. The old record will be retired from the UCIP list and considered a duplicate record. This record has been updated to reflect record source origins from both DWR Levee Logs, referenced as a 10-inch pipe, and the USACE O&M manual, 8-inch pipe. PG&E refers to this line as DFM 0613-01. (DWR UCIP - O. Magana)
08/16/2017 --previously noted under dsid 24492-- DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate listed as Not Found in UCIP - Steel Pipe on Bridge??. (DWR UCIP - O. Magana)
08/11/2017 PG&E records for DFM 0613-01 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 05/2017 leak survey, and the pipeline is operating correctly according to the 04/2017 CP inspection. ECDA in 2015; this integrity assessment identified no issues requiring corrective action. ILI in 2016; all corrective actions identified in this integrity assessment have been resolved. (DWR UCIP - A. McDonald)9/21/2016 According to CVFPB enforcement records. PG&E is working on submitting permit for gas line. (DWR UCIP - omagana)8/11/2016 gas line is clearly marked on WS. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 10-inch steel gas main through the levee, 5 feet below the crown. PG&E label found on waterside (WS) portion of exposed pipe. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

Photo 3 of 3 : UCIP_FA_2018_52685_55420.jpg



Label found on smaller pipe at bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	1.95	Rating **	A/W	Issue No.	244
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595040 °	38.595040 °
				-121.476882 °	-121.476882 °
DWR ID	DWR_NA0001_04_f_2015_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : FA_2018_NA0001_55_244_20180911_00196.jpg



View of the footpath on the landside levee slope. Fall 2016

LM Start	2.25	Rating **	M	Issue No.	751
LM End	2.25	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591923°	38.591923°
				-121.473744°	-121.473744°
DWR ID	24310				
Comment Code					
Inspector Comment					
FS_ID:29927 DS_ID:24310 EP_NO: 14150 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (4-inch galvanized iron pipe authorized under Permit No. 14150, 1986-MCI Telecommunication Corp.) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_FA_2018_29927_55259.jpg



View of waterward slope--concrete box could be associated with conduit?

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.25	Rating **	M	Issue No.	751 (cont)	
LM End	2.25	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.591923 °	38.591923 °	
				-121.473744 °	-121.473744 °	
DWR ID	24310					
Comment Code						
Inspector Comment						
FS_ID:29927						
DS_ID:24310						
EP_NO: 14150						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner.						
FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (4-inch galvanized iron pipe authorized under Permit No. 14150, 1986-MCI Telecommunication Corp.) [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/19/2013						

LM Start	2.25	Rating **	M	Issue No.	751 (cont)
LM End	2.25	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_29927_55261.jpg



Marker for buried fiber optic cable on waterward side.

Photo 3 of 3 : UCIP_FA_2018_29927_55260.jpg



Contact information for US Sprint--not MCI as records indicate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.68	Rating **	U	Issue No.	2
LM End	2.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588913 °	38.588913 °
				-121.467210 °	-121.467210 °
DWR ID	DWR_NA0001_04_s_2012_2				
Comment Code					
BU : Building					
Inspector Comment					
Bell Marine structure encroaches levee easement.					

Photo 1 of 1 : FA_2018_NA0001_55_2_20180911_00002.jpg



03/16/2012 Structure on Bell Marine property.

LM Start	2.72	Rating **	M	Issue No.	752	
LM End	2.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587906 °	38.587906 °	
				-121.466689 °	-121.466689 °	
DWR ID	24327					
Comment Code						
Inspector Comment						
FS_ID:29944 DS_ID:24327 EP_NO: 3362 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel water pipe through the levee at an unknown depth below the crown. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (12-inch wash water return authorized under Permit 8146, 1974-Robertson Sand and Gravel Company) FS Date: 12/19/2013						

Photo 1 of 2 : UCIP_FA_2018_29944_55267.jpg



Remnants of old crossing located on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.72	Rating **	M	Issue No.	752 (cont)	
LM End	2.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587906 °	38.587906 °	
				-121.466689 °	-121.466689 °	
DWR ID	24327					
Comment Code						
Inspector Comment						
FS_ID:29944 DS_ID:24327 EP_NO: 3362 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel water pipe through the levee at an unknown depth below the crown. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (12-inch wash water return authorized under Permit 8146, 1974-Robertson Sand and Gravel Company) FS Date: 12/19/2013						

Photo 2 of 2 : UCIP_FA_2018_29944_55266.jpg



View of structure located on levee crown.

LM Start	2.72	Rating **	U	Issue No.	3
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587939 °	38.587299 °
				-121.466635 °	-121.464320 °
DWR ID	DWR_NA0001_04_s_2012_3				
Comment Code					
EQ : Equipment					
Inspector Comment					
Bell Marine, LMA sent a letter to property owner for the violation. Equipment completely blocks levee crown.					

Photo 1 of 2 : FA_2018_NA0001_55_3_20180911_00003.jpg



View of the equipment obstructing levee crown access. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.72	Rating **	U	Issue No.	3 (cont)	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.587939 °	38.587299 °	
				-121.466635 °	-121.464320 °	
DWR ID	DWR_NA0001_04_s_2012_3					
Comment Code						
EQ : Equipment						
Inspector Comment						
Bell Marine, LMA sent a letter to property owner for the violation. Equipment completely blocks levee crown.						

Photo 2 of 2 : FA_2018_NA0001_55_3_20180911_00004.jpg



View of the debris obstructing visibility and access.

LM Start	2.77	Rating **	M	Issue No.	753
LM End	2.77	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID	24805				
Comment Code					
Inspector Comment					
FS_ID:31444					
DS_ID:24805					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing.					
FIELD_STRUCT_DESC: Standpipe located on waterside (WS) shoulder. Unable to confirm pipe alignment. No permit found.					
FS Date: 12/19/2013					

Photo 1 of 2 : UCIP_FA_2018_31444_57486.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.77	Rating **	M	Issue No.	753 (cont)
LM End	2.77	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID	24805				
Comment Code					
Inspector Comment					
FS_ID:31444 DS_ID:24805 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing. FIELD_STRUCT_DESC: Standpipe located on waterside (WS) shoulder. Unable to confirm pipe alignment. No permit found. FS Date: 12/19/2013					

Photo 2 of 2 : UCIP_FA_2018_31444_57485.jpg



Standpipe located on waterward shoulder.

LM Start	2.79	Rating **	M	Issue No.	754
LM End	2.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587514 °	38.587514 °
				-121.465497 °	-121.465497 °
DWR ID	25127				
Comment Code					
Inspector Comment					
FS_ID:50052 DS_ID:25127 EP_NO: 3362 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 14-inch corrugated metal (CM) water return pipe through the levee, 1.5 feet below the crown. Metal cutoff wall around pipe at center of levee. Concrete sump on landside (LS) end. Discharge trough and flap gate on the waterside (WS) slope. (18-inch pipe authorized under Permit No. 3362A, 1964 - Robert Powell Products, Inc.; dredging to remove sand and gravel authorized under the following Permit Nos. 3362, 1960 - Robert Powell Products, Inc., 3362-B (1978), 3362-C (1979), 3362-D (1981), and 3362-E (1983)) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 4/1/2016					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

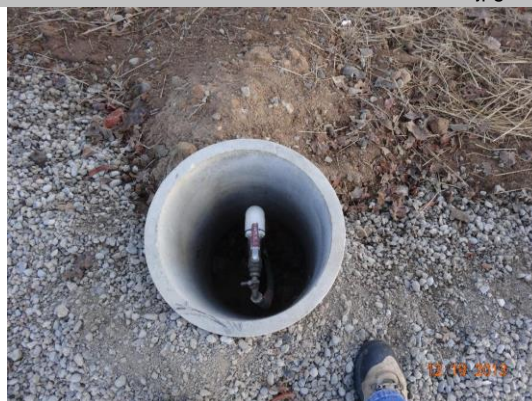
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.82	Rating **	M	Issue No.	755	
LM End	2.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587438 °	38.587438 °	
				-121.464989 °	-121.464989 °	
DWR ID	24806					
Comment Code						
Inspector Comment						
FS_ID:31445						
DS_ID:24806						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit found (unauthorized?)--need additional information about crossing.						
FIELD_STRUCT_DESC: Standpipe located on waterside (WS) shoulder. Pipe crosses levee crown and landside (LS). Pipe used for irrigation. No Permit found.						
FS Date: 12/13/2013						

Photo 1 of 1 : UCIP_FA_2018_31445_57487.jpg



Spigot located inside riser located on waterward shoulder.

LM Start	2.82	Rating **	M	Issue No.	756
LM End	2.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587383 °	38.587383 °
				-121.464951 °	-121.464951 °
DWR ID	24328				
Comment Code					
Inspector Comment					
FS_ID:31253 DS_ID:24328 EP_NO: 5890 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing--approximate alignment indicates pipe does not cross levee however records shows drain pipe crosses levee. FIELD_STRUCT_DESC: 8-inch corrugated metal drainage pipe through the levee, 2.1 feet below the crown. Concrete drop inlet structure at waterside (WS) shoulder. Maintenance facilities and yard on the landside (LS). Rock revetment on WS slope. (8-inch pipe authorized under Permit No. 5890, 1968 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 156+75)]. FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_FA_2018_31253_57216.jpg



Approximate alignment indicated in blue and approximate location indicated by DWR-UCIP in green label.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of the metal pipes in the floodway staged to be removed when the water rises to the top of the bank.

No Photos

03/16/2012 Sutter's Landing Skate Park.

Page 20 of 133

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	2.96	Rating **	A	Issue No.	215
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.588625 °	38.588295 °
				-121.458491 °	-121.450511 °
DWR ID	DWR_NA0001_04_f_2018_215				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_55_215_20181024_00264.jpg



View of waterside vegetation. Fall 2018

LM Start	3.19	Rating **	M	Issue No.	757	
LM End	3.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588601 °	38.588601 °	
				-121.458503 °	-121.458503 °	
DWR ID	24330					
Comment Code						
Inspector Comment						
FS_ID:31254 DS_ID:24330 EP_NO: 15041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate landfill drain pipe (Permit# 15041) id#3424. (DWR UCIP - O. Magana) 12/13/2013 Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee at an unknown depth. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. Corrugated metal standpipe on waterside (WS). Rock-filled ditch on WS. (18-inch pipe authorized under Permit No. 15041, 1993 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/13/2013						

Photo 1 of 3 : UCIP_FA_2018_31254_57217.jpg



Overview of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.19	Rating **	M	Issue No.	757 (cont)	
LM End	3.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588601 °	38.588601 °	
				-121.458503 °	-121.458503 °	
DWR ID	24330					
Comment Code						
Inspector Comment						
FS_ID:31254 DS_ID:24330 EP_NO: 15041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate landfill drain pipe (Permit# 15041) id#3424. (DWR UCIP - O. Magana) 12/13/2013 Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee at an unknown depth. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. Corrugated metal standpipe on waterside (WS). Rock-filled ditch on WS. (18-inch pipe authorized under Permit No. 15041, 1993 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/13/2013						

LM Start	3.19	Rating **	M	Issue No.	757 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31254_57219.jpg



Pipe buried by vegetation--unable to determine if pipe goes through levee.

Photo 3 of 3 : UCIP_FA_2018_31254_57221.jpg



Pipe buried through vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.62	Rating **	M	Issue No.	758	
LM End	3.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589033 °	38.589033 °	
				-121.451145 °	-121.451145 °	
DWR ID	24807					
Comment Code						
Inspector Comment						
FS_ID:42128 DS_ID:24807 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum line of unknown material or size through the levee, at an unknown depth. Markers visible on waterside (WS). Unable to confirm alignment. Markers provide Kinder Morgan (Owner) contact information - for emergencies contact 916-363-1666. FS Date: 12/13/2013						

Photo 1 of 3 : UCIP_FA_2018_42128_56573.jpg



View of waterward side.

LM Start	3.62	Rating **	M	Issue No.	758 (cont)
LM End	3.62	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_42128_56572.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.62	Rating **	M	Issue No.	758 (cont)	
LM End	3.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589033 °	38.589033 °	
				-121.451145 °	-121.451145 °	
DWR ID	24807					
Comment Code						
Inspector Comment						
FS_ID:42128 DS_ID:24807 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum line of unknown material or size through the levee, at an unknown depth. Markers visible on waterside (WS). Unable to confirm alignment. Markers provide Kinder Morgan (Owner) contact information - for emergencies contact 916-363-1666. FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_FA_2018_42128_56576.jpg



View of markers visible on landward side.

LM Start	3.68	Rating **	U	Issue No.	216
LM End	3.68	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588295 °	38.588295 °
				-121.450508 °	-121.450508 °
DWR ID	DWR_NA0001_04_f_2018_216				
Comment Code					
EQ : Equipment					
Inspector Comment					
Railroad platforms were removed from crossing and block crown access.					

Photo 1 of 2 : FA_2018_NA0001_55_216_20181024_00265.jpg



View of railroad debris on levee crown. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.68	Rating **	U	Issue No.	216 (cont)	
LM End	3.68	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.588295 °	38.588295 °	
				-121.450508 °	-121.450508 °	
DWR ID	DWR_NA0001_04_f_2018_216					
Comment Code						
EQ : Equipment						
Inspector Comment						
Railroad platforms were removed from crossing and block crown access.						

Photo 2 of 2 : FA_2018_NA0001_55_216_20181024_00266.jpg



View of railroad debris on levee crown. Fall 2018

LM Start	3.75	Rating **	M	Issue No.	759
LM End	3.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587724 °	38.587724 °
				-121.449554 °	-121.449554 °
DWR ID	24335				
Comment Code					
Inspector Comment					
FS_ID:31255 DS_ID:24335 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incidates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_FA_2018_31255_57226.jpg



Approximate alignment provided by City of Sacramento and DWR-UCIP confirmed location of sewer line is indicated by green label.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.75	Rating **	M	Issue No.	759 (cont)	
LM End	3.75	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587724 °	38.587724 °	
				-121.449554 °	-121.449554 °	
DWR ID	24335					
Comment Code						
Inspector Comment						
FS_ID:31255 DS_ID:24335 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incitates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/13/2013						

Photo 2 of 3 : UCIP_FA_2018_31255_57223.jpg



View of waterward side.

LM Start	3.75	Rating **	M	Issue No.	759 (cont)
LM End	3.75	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_31255_57222.jpg



Manhole located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.88	Rating **	M	Issue No.	760
LM End	3.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586496 °	38.586496 °
				-121.447631 °	-121.447631 °
DWR ID	24311				

Comment Code

Inspector Comment

FS_ID:52708
DS_ID:24311
EP_NO: 2805
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/18/2018 Everything appears to be the same as last time. No changes have been made. (A. McDonald - DWR UCIP)08/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing is not the correct location. The odor could be due to a sewer clean out located on LS toe. Need to do additional research and coordinate with Sacramento County to confirm crossing location. (O. Magana - DWR UCIP)12/19/2016 bad odor (sewage smell) coming from this area -- potential leak. Unable to confirm if riser on landward side is part of crossing. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: [Sacramento County Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 8 feet below the crown, 2 feet below the slopes, and approximately 50 feet from the landside (LS) edge. Concrete cutoff wall around the pipe located under the waterside (WS) shoulder. 2-inch air release valve located on the LS slope. Sewage pumping plant on LS. Manhole present. Rock revetment on the WS slope. Crossing continues under the channel and through the opposite levee. (Permit No. 2805, 1958 - Sacramento County Sanitation District No. 2). [Additional Reference(s): DWR Levee Log, 2002].
FS Date: 8/11/2016

LM Start	3.88	Rating **	M	Issue No.	760 (cont)
LM End	3.88	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_52708_55292.jpg



View of levee crown section near highway.

Photo 2 of 3 : UCIP_FA_2018_52708_55291.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.88	Rating **	M	Issue No.	760 (cont)	
LM End	3.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.586496 °	38.586496 °	
				-121.447631 °	-121.447631 °	
DWR ID	24311					

Comment Code

Inspector Comment

FS_ID:52708
DS_ID:24311
EP_NO: 2805
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/18/2018 Everything appears to be the same as last time. No changes have been made. (A. McDonald - DWR UCIP)08/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing is not the correct location. The odor could be due to a sewer clean out located on LS toe. Need to do additional research and coordinate with Sacramento County to confirm crossing location. (O. Magana - DWR UCIP)12/19/2016 bad odor (sewage smell) coming from this area -- potential leak. Unable to confirm if riser on landward side is part of crossing. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: [Sacramento County Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 8 feet below the crown, 2 feet below the slopes, and approximately 50 feet from the landside (LS) edge. Concrete cutoff wall around the pipe located under the waterside (WS) shoulder. 2-inch air release valve located on the LS slope. Sewage pumping plant on LS. Manhole present. Rock revetment on the WS slope. Crossing continues under the channel and through the opposite levee. (Permit No. 2805, 1958 - Sacramento County Sanitation District No. 2). [Additional Reference(s): DWR Levee Log, 2002].
FS Date: 8/11/2016

Photo 3 of 3 : UCIP_FA_2018_52708_55295.jpg



Sewer line along fence line on landward side--riser near back fence.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.89	Rating **	M	Issue No.	761	
LM End	3.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.586479°	38.586479°	
				-121.447574°	-121.447574°	
DWR ID	24337					
Comment Code						
Inspector Comment						
FS_ID:29054						
DS_ID:24337						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB.						
FIELD_STRUCT_DESC: 3-inch communication polyvinyl chloride (PVC) conduit through levee, 2 feet below the crown. [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/13/2013						

LM Start	3.89	Rating **	M	Issue No.	761 (cont)
LM End	3.89	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_29054_53588.jpg



Electrical conduit marker located on landward toe.

Photo 2 of 3 : UCIP_FA_2018_29054_53587.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.89	Rating **	M	Issue No.	761 (cont)	
LM End	3.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.586479°	38.586479°	
				-121.447574°	-121.447574°	
DWR ID	24337					
Comment Code						
Inspector Comment						
FS_ID:29054						
DS_ID:24337						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB.						
FIELD_STRUCT_DESC: 3-inch communication polyvinyl chloride (PVC) conduit through levee, 2 feet below the crown. [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_FA_2018_29054_53589.jpg



Control box located on landward toe.

LM Start	3.90	Rating **	U	Issue No.	8
LM End	3.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586327 °	38.586327 °
				-121.447373 °	-121.447373 °
DWR ID	DWR_NA0001_04_s_2012_8				
Comment Code					
FE : Fence					
Inspector Comment					
Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.					

Photo 1 of 2 : FA_2018_NA0001_55_8_20180911_00008.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.90	Rating **	U	Issue No.	8 (cont)	
LM End	3.90	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.586327 °	38.586327 °	
				-121.447373 °	-121.447373 °	
DWR ID	DWR_NA0001_04_s_2012_8					
Comment Code						
FE : Fence						
Inspector Comment						
Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.						

Photo 2 of 2 : FA_2018_NA0001_55_8_20180911_00009.jpg



Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	3.92	Rating **	U	Issue No.	6
LM End	3.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586154 °	38.586154 °
				-121.447115 °	-121.447115 °
DWR ID	DWR_NA0001_04_s_2012_6				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the landside toe obstructs visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_6_20180911_00007.jpg



04/14/2011 Landscaping, which was a Fall inspection issue has been removed; however, wooden fence is still obstructing access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	3.93	Rating **	U	Issue No.	9
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586047 °	38.586047 °
				-121.446975 °	-121.446975 °
DWR ID	DWR_NA0001_04_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence on the levee slope obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_9_20180911_00010.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	3.97	Rating **	U	Issue No.	11
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585639 °	38.585639 °
				-121.446451 °	-121.446451 °
DWR ID	DWR_NA0001_04_s_2012_11				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_11_20180911_00011.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.02	Rating **	U	Issue No.	14
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585175 °	38.585175 °
				-121.445883 °	-121.445883 °
DWR ID	DWR_NA0001_04_s_2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_14_20180911_00014.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.03	Rating **	U	Issue No.	15
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585021 °	38.585021 °
				-121.445678 °	-121.445678 °
DWR ID	DWR_NA0001_04_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_15_20180911_00015.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.04	Rating **	U	Issue No.	16
LM End	4.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584885 °	38.584885 °
				-121.445520 °	-121.445520 °
DWR ID	DWR_NA0001_04_s_2012_16				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_16_20180911_00016.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.05	Rating **	U	Issue No.	17
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584810 °	38.584810 °
				-121.445403 °	-121.445403 °
DWR ID	DWR_NA0001_04_f_2018_17				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_17_20180911_00017.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.06	Rating **	U	Issue No.	18
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584694 °	38.584694 °
				-121.445255 °	-121.445255 °
DWR ID	DWR_NA0001_04_s_2012_18				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence between orange trees is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_18_20180911_00018.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.08	Rating **	U	Issue No.	284
LM End	4.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584556 °	38.584556 °
				-121.445103 °	-121.445103 °
DWR ID	DWR_NA0001_04_f_2018_284				
Comment Code					
FE : Fence					
Inspector Comment					
New wooden fence on levee toe blocks visibility and access.					

Photo 1 of 1 : FA_2018_NA0001_55_284_20181026_00286.jpg



View of wooden fence on levee toe. Fall 2018

LM Start	4.09	Rating **	U	Issue No.	19
LM End	4.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584459 °	38.584459 °
				-121.444951 °	-121.444951 °
DWR ID	DWR_NA0001_04_s_2012_19				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_19_20180911_00019.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.10	Rating **	C	Issue No.	186
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584354 °	38.584354 °
				-121.444792 °	-121.444792 °
DWR ID	DWR_NA0001_04_s_2012_186				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping cleared.					

No Photos

LM Start	4.11	Rating **	U	Issue No.	20
LM End	4.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584243 °	38.584243 °
				-121.444647 °	-121.444647 °
DWR ID	DWR_NA0001_04_s_2012_20				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_20_20180911_00020.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.12	Rating **	U	Issue No.	21
LM End	4.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584129 °	38.584129 °
				-121.444485 °	-121.444485 °
DWR ID	DWR_NA0001_04_s_2012_21				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_21_20180911_00021.jpg



04/14/2011 Palms have been removed.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.16	Rating **	M	Issue No.	188
LM End	4.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583749 °	38.583749 °
				-121.443820 °	-121.443820 °
DWR ID	DWR_NA0001_04_s _ 2012_188				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence with iron top built into levee slope. Landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	4.18	Rating **	M	Issue No.	189
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583652 °	38.583652 °
				-121.443640 °	-121.443640 °
DWR ID	DWR_NA0001_04_s _ 2012_189				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Retaining wall is built into the levee slope. Steps, rail, and landscaping on the levee slope.					

No Photos

LM Start	4.19	Rating **	U	Issue No.	190
LM End	4.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583559 °	38.583559 °
				-121.443485 °	-121.443485 °
DWR ID	DWR_NA0001_04_s _ 2012_190				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_190_20180911_00162.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.21	Rating **	U	Issue No.	191
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583355 °	38.583355 °
				-121.443123 °	-121.443123 °
DWR ID	DWR_NA0001_04_s_2012_191				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_191_20180911_00163.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.22	Rating **	U	Issue No.	24
LM End	4.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583265 °	38.583265 °
				-121.442965 °	-121.442965 °
DWR ID	DWR_NA0001_04_s_2012_24				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence obstructs visibility. Retaining wall built into levee toe. 04/14/2011 retaining wall removed.					

Photo 1 of 1 : FA_2018_NA0001_55_24_20180911_00024.jpg



04/14/2011 Retaining wall has been removed. Wooden fence remains and is obstructing access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.25	Rating **	U	Issue No.	192
LM End	4.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583031 °	38.583031 °
				-121.442620 °	-121.442620 °
DWR ID	DWR_NA0001_04_s _ 2012_192				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_192_20180911_00164.jpg



03/16/2012 Landscaping on fence obstructs visibility and access.

LM Start	4.27	Rating **	M	Issue No.	193
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582824 °	38.582824 °
				-121.442298 °	-121.442298 °
DWR ID	DWR_NA0001_04_s _ 2012_193				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on chain link fence partially obstructs visibility.					

No Photos

LM Start	4.28	Rating **	M	Issue No.	194
LM End	4.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582716 °	38.582716 °
				-121.442128 °	-121.442128 °
DWR ID	DWR_NA0001_04_s _ 2012_194				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence obstructs access.					

Photo 1 of 1 : FA_2018_NA0001_55_194_20180911_00165.jpg



04/14/2011 Planter boxes have been removed. Chainlink fence partially blocks access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.29	Rating **	A/W	Issue No.	283
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.582640 °	38.582640 °	
			-121.442064 °	-121.442064 °	
DWR ID	DWR_NA0001_04_f_2018_283				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

No Photos

LM Start	4.30	Rating **	M	Issue No.	282
LM End	4.30	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582551 °	38.582551 °	
			-121.441923 °	-121.441923 °	
DWR ID	DWR_NA0001_04_f_2018_282				
Comment Code					
FE : Fence					
Inspector Comment					
Vegetation on fence on levee easement.					

No Photos

LM Start	4.31	Rating **	U	Issue No.	26
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.582479 °	38.582479 °	
			-121.441768 °	-121.441768 °	
DWR ID	DWR_NA0001_04_s_2012_26				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence within 10-ft of the levee toe. Garden and ramp built on levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_26_20180911_00025.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.36	Rating **	M	Issue No.	29
LM End	4.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582083 °	38.582083 °
				-121.440875 °	-121.440875 °
DWR ID	DWR_NA0001_04_s_2012_29				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence located at the levee toe obstructs access and visibility. 04/14/2011					

Photo 1 of 2 : FA_2018_NA0001_55_29_20181026_00285.jpg



View of wooden fence at levee toe. Fall 2018

LM Start	4.36	Rating **	M	Issue No.	29 (cont)
LM End	4.36	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_29_20180911_00028.jpg



03/16/2012 Flowering bush is dormant; landscaping on levee slope and wooden privacy fence.

LM Start	4.39	Rating **	M	Issue No.	196
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581937 °	38.581937 °
				-121.440479 °	-121.440479 °
DWR ID	DWR_NA0001_04_s_2012_196				
Comment Code					
FE : Fence					
Inspector Comment					
Picket fence on retaining wall within 10-ft of levee slope obstructs visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.41	Rating **	U	Issue No.	198
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581788 °	38.581788 °
				-121.440086 °	-121.440086 °
DWR ID	DWR_NA0001_04_s_2012_198				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_198_20180911_00168.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.42	Rating **	U	Issue No.	30
LM End	4.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581724 °	38.581724 °
				-121.439891 °	-121.439891 °
DWR ID	DWR_NA0001_04_s_2012_30				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_30_20180911_00029.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.44	Rating **	M	Issue No.	281
LM End	4.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581574 °	38.581574 °
				-121.439512 °	-121.439512 °
DWR ID	DWR_NA0001_04_f_2018_281				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence on levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.45	Rating **	M	Issue No.	241
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581594 °	38.581594 °
				-121.439459 °	-121.439459 °
DWR ID	DWR_NA0001_04_s_2016_241				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence on levee toe.					

No Photos

LM Start	4.47	Rating **	U	Issue No.	31
LM End	4.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581495 °	38.581495 °
				-121.439129 °	-121.439129 °
DWR ID	DWR_NA0001_04_s_2012_31				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_31_20180911_00030.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.49	Rating **	M	Issue No.	280
LM End	4.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581379 °	38.581379 °
				-121.438700 °	-121.438700 °
DWR ID	DWR_NA0001_04_f_2018_280				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on fence blocks visibility of levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.50	Rating **	C	Issue No.	33
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581359 °	38.581359 °
				-121.438524 °	-121.438524 °
DWR ID	DWR_NA0001_04_s_2012_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree was trimmed to allow visibility.					

No Photos

LM Start	4.51	Rating **	M	Issue No.	253
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581320°	38.581320°
				-121.438263°	-121.438263°
DWR ID	DWR_NA0001_04_s_2012_253				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.52	Rating **	C	Issue No.	34
LM End	4.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581282 °	38.581282 °
				-121.438169 °	-121.438169 °
DWR ID	DWR_NA0001_04_s_2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on levee slope was cleared.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.53	Rating **	U	Issue No.	35
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581246 °	38.581246 °
				-121.438033 °	-121.438033 °
DWR ID	DWR_NA0001_04_s_2012_35				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_35_20180911_00032.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.54	Rating **	U	Issue No.	199
LM End	4.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581205 °	38.581205 °
				-121.437830 °	-121.437830 °
DWR ID	DWR_NA0001_04_s_2012_199				
Comment Code					
FE : Fence					
Inspector Comment					
New wood privacy fence completely obstructs access and visibility. Fruit tree also encroaches levee slope.					

Photo 1 of 2 : FA_2018_NA0001_55_199_20180911_00169.jpg



New wood privacy fence completely obstructs access and visibility, Spring 2018.

LM Start	4.54	Rating **	U	Issue No.	199 (cont)
LM End	4.54	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_199_20180911_00170.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.55	Rating **	U	Issue No.	200
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581178°	38.581178°
				-121.437584°	-121.437584°
DWR ID	DWR_NA0001_04_s_2012_200				
Comment Code					
FE : Fence					
Inspector Comment					
New remodel, new pool, and new fence; the privacy fence completely obstructs access and visibility, Spring 2018.					

Photo 1 of 2 : FA_2018_NA0001_55_200_20180911_00171.jpg



View of the new remodel, new pool, and new fence; the privacy fence completely obstructs access and visibility, Spring 2018.

LM Start	4.55	Rating **	U	Issue No.	200 (cont)
LM End	4.55	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_200_20180911_00172.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.57	Rating **	U	Issue No.	201
LM End	4.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581155°	38.581155°
				-121.437320°	-121.437320°
DWR ID	DWR_NA0001_04_s_2012_201				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_201_20180911_00173.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.58	Rating **	M	Issue No.	36
LM End	4.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581153 °	38.581153 °
				-121.437079 °	-121.437079 °
DWR ID	DWR_NA0001_04_s_2012_36				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence near pump station limits access and visibility.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	762
LM End	4.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581101 °	38.581101 °
				-121.436502 °	-121.436502 °
DWR ID	24808				
Comment Code					
Inspector Comment					
FS_ID:31446					
DS_ID:24808					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction--need permit and details on crossing.					
FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

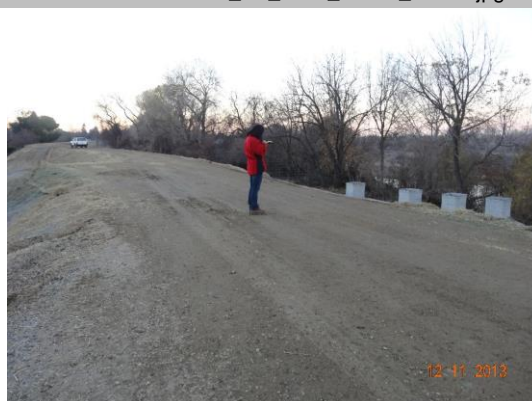
Photo 1 of 3 : UCIP_FA_2018_31446_57490.jpg



View of landward side.

LM Start	4.61	Rating **	M	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31446_57489.jpg



View of regraded levee crown with service boxes on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	762 (cont)	
LM End	4.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581101 °	38.581101 °	
				-121.436502 °	-121.436502 °	
DWR ID	24808					
Comment Code						
Inspector Comment						
FS_ID:31446						
DS_ID:24808						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction--need permit and details on crossing.						
FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_FA_2018_31446_57488.jpg



Service boxes located on waterward shoulder.

LM Start	4.61	Rating **	M	Issue No.	763
LM End	4.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID	24809				
Comment Code					
Inspector Comment					
FS_ID:31447					
DS_ID:24809					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_FA_2018_31447_57493.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	763 (cont)
LM End	4.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID	24809				

Comment Code

Inspector Comment

FS_ID:31447
DS_ID:24809
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.
FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.
FS Date: 12/13/2013

LM Start	4.61	Rating **	M	Issue No.	763 (cont)
LM End	4.61	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31447_57492.jpg



View of levee crown at crossings.

Photo 3 of 3 : UCIP_FA_2018_31447_57491.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	764	
LM End	4.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581087 °	38.581087 °	
				-121.436449 °	-121.436449 °	
DWR ID	24810					
Comment Code						
Inspector Comment						
FS_ID:31448						
DS_ID:24810						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.						
FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

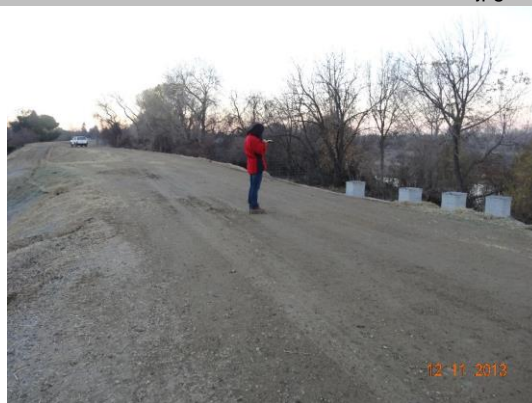
LM Start	4.61	Rating **	M	Issue No.	764 (cont)
LM End	4.61	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31448_57496.jpg



View of landward side.

Photo 2 of 3 : UCIP_FA_2018_31448_57495.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	764 (cont)	
LM End	4.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581087°	38.581087°	
				-121.436449°	-121.436449°	
DWR ID	24810					
Comment Code						
Inspector Comment						
FS_ID:31448						
DS_ID:24810						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.						
FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_FA_2018_31448_57494.jpg



View of waterward side.

LM Start	4.61	Rating **	M	Issue No.	765	
LM End	4.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581082 °	38.581082 °	
				-121.436431 °	-121.436431 °	
DWR ID	24811					
Comment Code						
Inspector Comment						
FS_ID:31449						
DS_ID:24811						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate levee.						
FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

Photo 1 of 3 : UCIP_FA_2018_31449_57499.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.61	Rating **	M	Issue No.	765 (cont)	
LM End	4.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581082 °	38.581082 °	
				-121.436431 °	-121.436431 °	
DWR ID	24811					
Comment Code						
Inspector Comment						
FS_ID:31449						
DS_ID:24811						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate levee.						
FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

Photo 2 of 3 : UCIP_FA_2018_31449_57498.jpg



View of levee crown.

LM Start	4.61	Rating **	M	Issue No.	765 (cont)
LM End	4.61	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_31449_57497.jpg



View of landward side--service boxes located on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.66	Rating **	M	Issue No.	37
LM End	4.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580944 °	38.580944 °
				-121.435651 °	-121.435651 °
DWR ID	DWR_NA0001_04_s_2012_37				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and vines on the levee toe obstruct visibility.					

No Photos

LM Start	4.68	Rating **	M	Issue No.	38
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580910 °	38.580910 °
				-121.435324 °	-121.435324 °
DWR ID	DWR_NA0001_04_s_2012_38				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.					

No Photos

LM Start	4.70	Rating **	M	Issue No.	39
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580840 °	38.580840 °
				-121.434901 °	-121.434901 °
DWR ID	DWR_NA0001_04_s_2012_39				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.73	Rating **	U	Issue No.	40
LM End	4.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580759 °	38.580759 °
				-121.434294 °	-121.434294 °
DWR ID	DWR_NA0001_04_s_2012_40				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_40_20180911_00033.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.74	Rating **	M	Issue No.	41
LM End	4.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580753 °	38.580753 °
				-121.434077 °	-121.434077 °
DWR ID	DWR_NA0001_04_s_2012_41				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_41_20180911_00034.jpg



View of the fence at the levee toe.

LM Start	4.76	Rating **	U	Issue No.	42
LM End	4.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580744 °	38.580744 °
				-121.433868 °	-121.433868 °
DWR ID	DWR_NA0001_04_s_2012_42				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_42_20180911_00035.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.78	Rating **	U	Issue No.	43
LM End	4.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580731 °	38.580731 °
				-121.433490 °	-121.433490 °
DWR ID	DWR_NA0001_04_s_2012_43				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_43_20180911_00036.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.83	Rating **	U	Issue No.	205
LM End	4.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580723 °	38.580723 °
				-121.432577 °	-121.432577 °
DWR ID	DWR_NA0001_04_s_2012_205				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscape prunings on levee slope and toe.prunings removed. Fence obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_205_20180911_00174.jpg



03/16/2012 Chainlink fence with privacy slats obstructs visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.85	Rating **	M	Issue No.	44
LM End	4.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580747 °	38.580747 °
				-121.432039 °	-121.432039 °
DWR ID	DWR_NA0001_04_f_2018_44				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on wire fence obstruct visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_44_20180911_00037.jpg



View of the vegetation at the levee toe.

LM Start	4.87	Rating **	U	Issue No.	206
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580778 °	38.580778 °
				-121.431704 °	-121.431704 °
DWR ID	DWR_NA0001_04_s_2012_206				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fig tree obstructs visibility and access.					

Photo 1 of 2 : FA_2018_NA0001_55_206_20181026_00284.jpg



View of landscaping that obstructs visibility and access. Fall 2018

LM Start	4.87	Rating **	U	Issue No.	206 (cont)
LM End	4.87	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_206_20180911_00175.jpg



03/16/2012 Landscaping obstructs visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.87	Rating **	U	Issue No.	96
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580767 °	38.580767 °
				-121.431684 °	-121.431684 °
DWR ID	DWR_NA0001_04_s _ 2012_96				
Comment Code					
BU : Building					
Inspector Comment					
Wooden shed is located beneath the fig tree.					

Photo 1 of 1 : FA_2018_NA0001_55_96_20180911_00082.jpg



3/16/2012 Structure is within 15' of levee toe.

LM Start	4.89	Rating **	M	Issue No.	265
LM End	4.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580794 °	38.580794 °
				-121.431453 °	-121.431453 °
DWR ID	DWR_NA0001_04_s _ 2017_265				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_265_20180911_00210.jpg



View of the fence at the levee toe.

LM Start	4.90	Rating **	M	Issue No.	207
LM End	4.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580806 °	38.580806 °
				-121.431266 °	-121.431266 °
DWR ID	DWR_NA0001_04_s _ 2012_207				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_207_20180911_00176.jpg



View of the fence at the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	4.91	Rating **	M	Issue No.	264
LM End	4.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580820 °	38.580820 °
				-121.431045 °	-121.431045 °
DWR ID	DWR_NA0001_04_s_2017_264				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_264_20180911_00209.jpg



View of the fence at the levee toe.

LM Start	4.93	Rating **	U	Issue No.	45
LM End	4.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580844 °	38.580844 °
				-121.430672 °	-121.430672 °
DWR ID	DWR_NA0001_04_s_2012_45				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence with bracing obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_45_20180911_00038.jpg



Wooden fence and braces obstruct access and visibility.

LM Start	5.08	Rating **	U	Issue No.	46
LM End	5.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581000 °	38.581000 °
				-121.427826 °	-121.427826 °
DWR ID	DWR_NA0001_04_s_2012_46				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_46_20180911_00039.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.13	Rating **	U	Issue No.	208
LM End	5.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580882 °	38.580882 °
				-121.427038 °	-121.427038 °
DWR ID	DWR_NA0001_04_s_2012_208				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_208_20180911_00177.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.15	Rating **	M	Issue No.	47
LM End	5.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580773 °	38.580773 °
				-121.426691 °	-121.426691 °
DWR ID	DWR_NA0001_04_s_2012_47				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_47_20180911_00040.jpg



View of the fence and vegetation at the landside levee toe.

LM Start	5.17	Rating **	U	Issue No.	48
LM End	5.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580622 °	38.580622 °
				-121.426372 °	-121.426372 °
DWR ID	DWR_NA0001_04_s_2012_48				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_48_20180911_00041.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.45	Rating **	U	Issue No.	49
LM End	5.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.577526 °	38.577526 °
				-121.423349 °	-121.423349 °
DWR ID	DWR_NA0001_04_s_2012_49				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_49_20180911_00042.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.48	Rating **	M	Issue No.	263	
LM End	5.48	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.577065 °		38.577065 °
				-121.423255 °		-121.423255 °
DWR ID	DWR_NA0001_04_s_2017_263					
Comment Code						
FE : Fence						
Inspector Comment						
Chain-link fence at levee toe.						

Photo 1 of 1 : FA_2018_NA0001_55_263_20180911_00208.jpg



View of the fence at the levee toe.

LM Start	5.49	Rating **	M	Issue No.	209
LM End	5.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.576878 °	38.576878 °
				-121.423234 °	-121.423234 °
DWR ID	DWR_NA0001_04_s_2012_209				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleanders within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_209_20180911_00178.jpg



View of the shrubs at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.50	Rating **	U	Issue No.	262
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576796 °	38.576796 °
				-121.423221 °	-121.423221 °
DWR ID	DWR_NA0001_04_s_2017_262				
Comment Code					
FE : Fence					
Inspector Comment					
Fence obstructing visibility and access at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_262_20180911_00207.jpg



View of the fence at the levee toe.

LM Start	5.51	Rating **	M	Issue No.	261
LM End	5.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576579 °	38.576579 °
				-121.423201 °	-121.423201 °
DWR ID	DWR_NA0001_04_s_2017_261				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence at levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_261_20180911_00206.jpg



View of the fence at the levee toe.

LM Start	5.55	Rating **	A/W	Issue No.	277
LM End	5.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.576078 °	38.576078 °
				-121.423139 °	-121.423139 °
DWR ID	DWR_NA0001_04_f_2018_277				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor rodent activity.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.58	Rating **	M	Issue No.	276
LM End	5.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575573 °	38.575573 °
				-121.423161 °	-121.423161 °
DWR ID	DWR_NA0001_04_f_2018_276				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on chainlink fence obstructs view of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_276_20181024_00283.jpg



View of vegetation on chainlink fence that obstructs view of levee toe.
Fall 2018

LM Start	5.60	Rating **	U	Issue No.	52
LM End	5.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575379 °	38.575379 °
				-121.423201 °	-121.423201 °
DWR ID	DWR_NA0001_04_s_2012_52				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Helix sky pencil trees within 10-ft of the levee toe obstruct visibility and access.					

Photo 1 of 1 : FA_2018_NA0001_55_52_20180911_00044.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	5.61	Rating **	U	Issue No.	53
LM End	5.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575250 °	38.575250 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_s_2012_53				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Wood privacy fence, helix sky pencil, vines, and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stairs up levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_53_20180911_00045.jpg



03/16/2012 Landscaping and fence obstruct visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.62	Rating **	U	Issue No.	54
LM End	5.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575024 °	38.575024 °
				-121.423277 °	-121.423277 °
DWR ID	DWR_NA0001_04_s_2012_54				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_54_20180911_00046.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.64	Rating **	U	Issue No.	55
LM End	5.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574786 °	38.574786 °
				-121.423324 °	-121.423324 °
DWR ID	DWR_NA0001_04_s_2012_55				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_55_20180911_00047.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.70	Rating **	U	Issue No.	57
LM End	5.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573927 °	38.573927 °
				-121.423480 °	-121.423480 °
DWR ID	DWR_NA0001_04_s_2012_57				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence with ivy obstructs visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_57_20180911_00048.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.73	Rating **	M	Issue No.	58
LM End	5.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.573501 °	38.573501 °
				-121.423602 °	-121.423602 °
DWR ID	DWR_NA0001_04_s_2012_58				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Garden built on levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_58_20180911_00049.jpg



View of the garden at the levee toe.

LM Start	5.73	Rating **	U	Issue No.	59
LM End	5.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573403 °	38.573403 °
				-121.423642 °	-121.423642 °
DWR ID	DWR_NA0001_04_s_2012_59				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_59_20180911_00050.jpg



03/16/2012 Fence and landscaping obstruct visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.78	Rating **	U	Issue No.	61
LM End	5.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572827 °	38.572827 °
				-121.423786 °	-121.423786 °
DWR ID	DWR_NA0001_04_s_2012_61				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy and shrubs are within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_61_20180911_00051.jpg



03/16/2012 Landscaping obstructs access and visibility.

LM Start	5.80	Rating **	M	Issue No.	62
LM End	5.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572542 °	38.572542 °
				-121.423850 °	-121.423850 °
DWR ID	DWR_NA0001_04_s_2012_62				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Citrus tree and slope landscaping obstructs visibility.					

No Photos

LM Start	5.81	Rating **	U	Issue No.	63
LM End	5.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572325 °	38.572325 °
				-121.423913 °	-121.423913 °
DWR ID	DWR_NA0001_04_s_2012_63				
Comment Code					
BU : Building					
Inspector Comment					
Wood and fiberglass structure within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_63_20180911_00052.jpg



03/16/2012 Wood and fiberglass structure is within 15' of levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	5.82	Rating **	M	Issue No.	64
LM End	5.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572207 °	38.572207 °
				-121.423933 °	-121.423933 °
DWR ID	DWR_NA0001_04_s_2012_64				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense shrubs on levee toe obstruct visibility and access.					

Photo 1 of 1 : FA_2018_NA0001_55_64_20180911_00053.jpg



View of the shrubs at the levee toe.

LM Start	5.83	Rating **	U	Issue No.	65
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572067 °	38.572067 °
				-121.423970 °	-121.423970 °
DWR ID	DWR_NA0001_04_s_2012_65				
Comment Code					
FE : Fence					
Inspector Comment					
Extended privacy fence and retaining wall within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_65_20180911_00054.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.85	Rating **	U	Issue No.	210
LM End	5.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571733 °	38.571733 °
				-121.424055 °	-121.424055 °
DWR ID	DWR_NA0001_04_s_2012_210				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and retaining wall are within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_210_20180911_00179.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

American River Flood Control District

View of animal burrows. Fall 2018

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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.24	Rating **	C	Issue No.	260
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.566220 °	38.566220 °
				-121.423558 °	-121.423558 °
DWR ID	DWR_NA0001_04_s_2017_260				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes and is actively monitoring the area.					

No Photos

LM Start	6.24	Rating **	M	Issue No.	164
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566198 °	38.566198 °
				-121.423528 °	-121.423528 °
DWR ID	DWR_NA0001_04_f_2012_164				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush at levee toe.					

No Photos

LM Start	6.29	Rating **	M	Issue No.	271
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.565472 °	38.565472 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_f_2018_271				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes.					

Photo 1 of 1 : FA_2018_NA0001_55_271_20181024_00279.jpg



View of animal holes. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of footpath on slope. Fall 2018

03/16/2012 Structure for generator is within 5' of levee toe.

Storage shed still exists but the tanks have been removed, Spring 2018.

American River Flood Control District

View of the water tanks stored at the landside levee toe.

Another view of the rodent burrow at the levee toe.

View of a rodent burrows at the landside levee toe.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.62	Rating **	M	Issue No.	51
LM End	6.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561117°	38.561117°
				-121.420749°	-121.420749°
DWR ID	DWR_NA0001_04_f_2013_51				
Comment Code					
MA : Material					
Inspector Comment					
Pipe and other material stored within 10 feet of landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_51_20180911_00043.jpg



View of the material stored at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.77	Rating **	M	Issue No.	766
LM End	6.77	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID	24349				
Comment Code					
Inspector Comment					
FS_ID:29975 DS_ID:24349 EP_NO: 16961 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate HDPE near Sac State Alumni Gr. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 06/13/2012, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana) 12/11/2013 No access available due to construction activities--need to inspect this section of levee once construction is complete. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Sump No. 31] 1 of 2: 48-inch high density polyethylene (HDPE) drainage pipe through the levee, approximately 2.5 feet below the crown. Siphon breaker is located on the crown shoulder. Outfall structure located on the waterside (WS). Rock revetment along the WS slope. (two 48-inch pipes were authorized under Permit No. 16961, 2000 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.78	Rating **	M	Issue No.	767
LM End	6.78	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.559450 °	38.559450 °	
			-121.418960 °	-121.418960 °	
DWR ID	24595				
Comment Code					
Inspector Comment					
<p>FS_ID:29969 DS_ID:24595 EP_NO: 16961 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate HDPE near Sac State Alumni Gr. (DWR UCIP - O. Magana) 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 06/13/2012, PACP Sewer Report was provided. PACP report is missing rating evaluation. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana) 12/11/2013 No access available due to construction activities--need to inspect this section of levee once construction is complete. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Sump No. 31] 2 of 2: 48-inch high density polyethylene (HDPE) drainage pipe through the levee, approximately 2.5 feet below the crown. Siphon breaker is located on the crown shoulder. Outfall structure is located on the waterside (WS). Rock revetment along the WS slope. (two 48-inch pipes were authorized under Permit No. 16961, 2000 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/11/2013</p>					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.82	Rating **	M	Issue No.	140
LM End	6.94	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559152°	38.558115°
				-121.418108°	-121.416328°
DWR ID	DWR_NA0001_04_f_2012_140				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes at waterside hinge obstruct visibility of waterside slope from levee crown.					

Photo 1 of 1 : FA_2018_NA0001_55_140_20180911_00121.jpg



View of landscaping at waterside hinge obstructing visibility.

LM Start	6.83	Rating **	M	Issue No.	768
LM End	6.83	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID	24084				
Comment Code					
Inspector Comment					
FS_ID:29970 DS_ID:24084 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee at unknown depth. (two 60-inch force mains authorized under Permit No. 17671, 2003-Sacramento Regional County Sanitation District) FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.83	Rating **	M	Issue No.	769
LM End	6.83	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID	24596				
Comment Code					
Inspector Comment					
FS_ID:29971 DS_ID:24596 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee at unknown depth. (two 60-inch force mains authorized under Permit No. 17671, 2003-Sacramento Regional County Sanitation District) FS Date: 12/11/2013					

No Photos

LM Start	6.83	Rating **	M	Issue No.	770
LM End	6.83	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559011 °	38.559011 °
				-121.418079 °	-121.418079 °
DWR ID	24320				
Comment Code					
Inspector Comment					
FS_ID:29972 DS_ID:24320 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (60-inch force main sewerline authorized under Permit No. 12188, 1979-Sacramento Regional County Sanitation District) FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.84	Rating **	C	Issue No.	268
LM End	6.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.558994 °	38.558994 °
				-121.417740 °	-121.417740 °
DWR ID	DWR_NA0001_04_f_2018_268				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA grouted rodent holes before final report.					

No Photos

LM Start	6.89	Rating **	M	Issue No.	771	
LM End	6.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.558530 °	38.558530 °	
				-121.417270 °	-121.417270 °	
DWR ID	24342					
Comment Code						
Inspector Comment						
FS_ID:29973 DS_ID:24342 EP_NO: 15357 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: [Sacramento American River Filtration Plant] 36-inch waste water line through the levee at crown elevation. A bridged conduit and influent structure across levee. Concrete basin on landside (LS) slope. Concrete structure for pumping plant in channel. Bridge access to structure. Chain-link fence around LS. Rock revetment on waterside (WS) slope. (Permit No. 3588-1963) Repairs to treatment plant and structure foundation under Permit No. 15357 (1991). [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/11/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	6.97	Rating **	M	Issue No.	267
LM End	6.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.558282°	38.558282°
				-121.415707°	-121.415707°
DWR ID	DWR_NA0001_04_f_2018_267				
Comment Code					
Inspector Comment					
Gate could not be opened.					

No Photos

LM Start	6.99	Rating **	M	Issue No.	772
LM End	6.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558100°	38.558100°
				-121.415420°	-121.415420°
DWR ID	24085				
Comment Code					
Inspector Comment					
FS_ID:29974					
DS_ID:24085					
EP_NO: 17587					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 54-inch water main of unknown material					
through the levee at an unknown depth below the crown. (54-inch water					
main authorized under Permit No. 17587, 2003-City of Sacramento)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	7.20	Rating **	M	Issue No.	266
LM End	7.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.557995 °	38.557995 °
				-121.411579 °	-121.411579 °
DWR ID	DWR_NA0001_04_f_2018_266				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent burrows.					

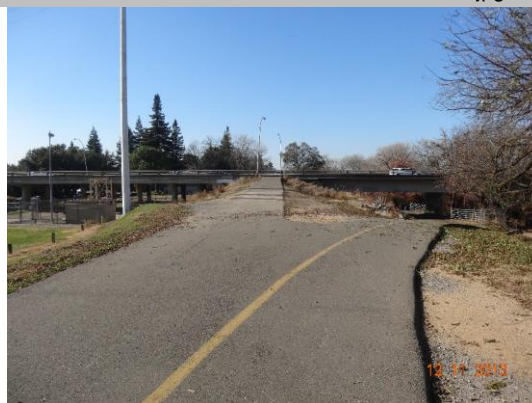
Photo 1 of 1 : FA_2018_NA0001_55_266_20181024_00276.jpg



View of animal burrows. Fall 2018

LM Start	7.33	Rating **	M	Issue No.	773	
LM End	7.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.558196 °	38.558196 °	
				-121.409230 °	-121.409230 °	
DWR ID	24319					
Comment Code						
Inspector Comment						
FS_ID:30023 DS_ID:24319 EP_NO: 3596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 12/11/2013 Need to contact owners to determine how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* [Sump No. 91] 4 of 4: 48-inch corrugated metal (CM) drainage pipe through the levee, 20 feet below the crown. Pump station is also referenced as the Power Inn Road Plant. Two corrugated metal (CM) cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser located on the waterside (WS) slope. Reinforced concrete discharge box is located on the WS toe. Flap gate is located on the WS end. Slide gate with control pedestal in collection sump located on the landside (LS). 60-inch discharge pipe extends from box across the berm to the riverbank. Pumping plant is located on the LS toe. (48-inch pipe abandoned and CM riser cut 2 feet below ground surface authorized under Permit No. 3596A, 1998 – City of Sacramento; three 30-inch and one 48-inch pipes authorized under Permit No. 3596, 3596A, 1962 - County of Sacramento Manlove Drainage Assessment District; 60-inch pipe authorized under Permit No. 5894, 1970 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/11/2013						

Photo 1 of 3 : UCIP_FA_2018_30023_55394.jpg



Overview of levee crown at crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	7.33	Rating **	M	Issue No.	773 (cont)	
LM End	7.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.558196 °	38.558196 °	
				-121.409230 °	-121.409230 °	
DWR ID	24319					
Comment Code						
Inspector Comment						
FS_ID:30023 DS_ID:24319 EP_NO: 3596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 12/11/2013 Need to contact owners to determine how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* [Sump No. 91] 4 of 4: 48-inch corrugated metal (CM) drainage pipe through the levee, 20 feet below the crown. Pump station is also referenced as the Power Inn Road Plant. Two corrugated metal (CM) cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser located on the waterside (WS) slope. Reinforced concrete discharge box is located on the WS toe. Flap gate is located on the WS end. Slide gate with control pedestal in collection sump located on the landside (LS). 60-inch discharge pipe extends from box across the berm to the riverbank. Pumping plant is located on the LS toe. (48-inch pipe abandoned and CM riser cut 2 feet below ground surface authorized under Permit No. 3596A, 1998 – City of Sacramento; three 30-inch and one 48-inch pipes authorized under Permit No. 3596, 3596A, 1962 - County of Sacramento Manlove Drainage Assessment District; 60-inch pipe authorized under Permit No. 5894, 1970 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/11/2013						

Photo 2 of 3 : UCIP_FA_2018_30023_55392.jpg



Signs of crossing repair patch section visible on levee crown.

LM Start	7.33	Rating **	M	Issue No.	773 (cont)
LM End	7.33	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_30023_55397.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	7.65	Rating **	U	Issue No.	74
LM End	7.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559177 °	38.559218 °
				-121.403541 °	-121.402967 °
DWR ID	DWR_NA0001_04_s_2012_74				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_74_20180911_00061.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.69	Rating **	U	Issue No.	75
LM End	7.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559230 °	38.559261 °
				-121.402708 °	-121.402219 °
DWR ID	DWR_NA0001_04_s_2012_75				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_75_20180911_00062.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	7.73	Rating **	U	Issue No.	76
LM End	7.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559277 °	38.559309 °
				-121.401938 °	-121.401388 °
DWR ID	DWR_NA0001_04_s_2012_76				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_76_20180911_00063.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.78	Rating **	U	Issue No.	77
LM End	7.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559330 °	38.559361 °
				-121.401162 °	-121.400606 °
DWR ID	DWR_NA0001_04_s_2012_77				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_77_20180911_00064.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

03/16/2012 Wood privacy fence completely obstructs access and visibility.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	7.90	Rating **	U	Issue No.	80
LM End	7.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559753 °	38.559911 °
				-121.398982 °	-121.398506 °
DWR ID	DWR_NA0001_04_s_2012_80				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility. Concrete steps also placed on slope.					

Photo 1 of 1 : FA_2018_NA0001_55_80_20180911_00067.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.94	Rating **	U	Issue No.	224
LM End	8.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559968 °	38.560505 °
				-121.398330 °	-121.396989 °
DWR ID	DWR_NA0001_04_s_2012_224				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 2 : FA_2018_NA0001_55_224_20180911_00184.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.94	Rating **	U	Issue No.	224 (cont)
LM End	8.02	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_224_20180911_00185.jpg



Another view of the fence at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.02	Rating **	U	Issue No.	82
LM End	8.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560537 °	38.560537 °
				-121.396912 °	-121.396912 °
DWR ID	DWR_NA0001_04_s_2012_82				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe, obstructing access and visibility. Stairs also on slope.					

Photo 1 of 1 : FA_2018_NA0001_55_82_20180911_00068.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.04	Rating **	U	Issue No.	83
LM End	8.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560647 °	38.560647 °
				-121.396660 °	-121.396660 °
DWR ID	DWR_NA0001_04_s_2012_83				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_83_20180911_00069.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.05	Rating **	U	Issue No.	84
LM End	8.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560728 °	38.560728 °
				-121.396471 °	-121.396471 °
DWR ID	DWR_NA0001_04_s_2012_84				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_84_20180911_00070.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.07	Rating **	A/W	Issue No.	745
LM End	8.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560823 °	38.560823 °
				-121.396208 °	-121.396208 °
DWR ID	DWR_NA0001_04_s_2012_745				
Comment Code					
UR : Urban					
Inspector Comment					
Drains direct gutter flow onto levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_745_20180911_00211.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

LM Start	8.07	Rating **	U	Issue No.	85
LM End	8.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560845 °	38.560845 °
				-121.396189 °	-121.396189 °
DWR ID	DWR_NA0001_04_s_2012_85				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_85_20180911_00071.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.08	Rating **	U	Issue No.	86
LM End	8.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560907 °	38.560907 °
				-121.396043 °	-121.396043 °
DWR ID	DWR_NA0001_04_s_2012_86				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_86_20180911_00072.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.09	Rating **	U	Issue No.	87
LM End	8.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561008 °	38.561008 °
				-121.395817 °	-121.395817 °
DWR ID	DWR_NA0001_04_s_2012_87				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_87_20180911_00073.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.13	Rating **	M	Issue No.	225
LM End	8.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.561248 °	38.561248 °
				-121.395169 °	-121.395169 °
DWR ID	DWR_NA0001_04_s_2012_225				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_225_20180911_00186.jpg



View of the landscaping at the levee toe.

LM Start	8.16	Rating **	U	Issue No.	89
LM End	8.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561467 °	38.561467 °
				-121.394728 °	-121.394728 °
DWR ID	DWR_NA0001_04_s_2012_89				
Comment Code					
FE : Fence					
Inspector Comment					
Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_89_20180911_00075.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.17	Rating **	U	Issue No.	90
LM End	8.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561544 °	38.561544 °
				-121.394494 °	-121.394494 °
DWR ID	DWR_NA0001_04_s_2012_90				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_90_20180911_00076.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	8.18	Rating **	U	Issue No.	91
LM End	8.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561593 °	38.561593 °
				-121.394315 °	-121.394315 °
DWR ID	DWR_NA0001_04_s_2012_91				
Comment Code					
FE : Fence					
Inspector Comment					
Concrete block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_91_20180911_00077.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	8.19	Rating **	U	Issue No.	92
LM End	8.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561658 °	38.561658 °
				-121.394157 °	-121.394157 °
DWR ID	DWR_NA0001_04_s_2012_92				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_92_20180911_00078.jpg



03/16/2012 Cinder block fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.19	Rating **	A/W	Issue No.	259
LM End	8.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.561666 °	38.561666 °
				-121.394118 °	-121.394118 °
DWR ID	DWR_NA0001_04_f_2018_259				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Monitor rodent activity.					

No Photos

LM Start	8.21	Rating **	U	Issue No.	93
LM End	8.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561750 °	38.561750 °
				-121.393917 °	-121.393917 °
DWR ID	DWR_NA0001_04_s_2012_93				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_93_20180911_00079.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.22	Rating **	U	Issue No.	94
LM End	8.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561820 °	38.561820 °
				-121.393735 °	-121.393735 °
DWR ID	DWR_NA0001_04_s_2012_94				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_94_20180911_00080.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.23	Rating **	U	Issue No.	95
LM End	8.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561900 °	38.561900 °
				-121.393547 °	-121.393547 °
DWR ID	DWR_NA0001_04_s_2012_95				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_95_20180911_00081.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.24	Rating **	U	Issue No.	97
LM End	8.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561977 °	38.561977 °
				-121.393338 °	-121.393338 °
DWR ID	DWR_NA0001_04_s_2017_97				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_97_20180911_00083.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.25	Rating **	U	Issue No.	98
LM End	8.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562054 °	38.562054 °
				-121.393190 °	-121.393190 °
DWR ID	DWR_NA0001_04_s_2012_98				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_98_20180911_00084.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.26	Rating **	U	Issue No.	99
LM End	8.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562120 °	38.562120 °
				-121.392983 °	-121.392983 °
DWR ID	DWR_NA0001_04_s_2012_99				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_99_20180911_00085.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.27	Rating **	U	Issue No.	100
LM End	8.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562182°	38.562182°
				-121.392778°	-121.392778°
DWR ID	DWR_NA0001_04_s_2012_100				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_100_20180911_00086.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.32	Rating **	U	Issue No.	101
LM End	8.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562508 °	38.562508 °
				-121.392037 °	-121.392037 °
DWR ID	DWR_NA0001_04_s_2012_101				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_101_20180911_00087.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.38	Rating **	M	Issue No.	102
LM End	8.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.562889 °	38.562889 °
				-121.391042 °	-121.391042 °
DWR ID	DWR_NA0001_04_s_2012_102				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Helix sky pencil along chain link fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_102_20180911_00088.jpg



View of the landscaping at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.40	Rating **	U	Issue No.	103
LM End	8.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563042 °	38.563042 °
				-121.390692 °	-121.390692 °
DWR ID	DWR_NA0001_04_s_2012_103				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 2 : FA_2018_NA0001_55_103_20180911_00089.jpg



View looking downstream landside of the new wood privacy fence that completely obstructs access and visibility, Spring 2018.

Photo 2 of 2 : FA_2018_NA0001_55_103_20180911_00090.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.40	Rating **	U	Issue No.	103 (cont)
LM End	8.40	Issue Type +	En	Location *	LS

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

View of vines on fence that block visibility of levee toe. Fall 2018

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.44	Rating **	M	Issue No.	105
LM End	8.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563238 °	38.563238 °
				-121.390073 °	-121.390073 °
DWR ID	DWR_NA0001_04_s_2012_105				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Palms planted within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_105_20180911_00093.jpg



View of the palm trees at the levee toe.

LM Start	8.45	Rating **	U	Issue No.	106
LM End	8.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563308 °	38.563308 °
				-121.389885 °	-121.389885 °
DWR ID	DWR_NA0001_04_s_2012_106				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.					

Photo 1 of 1 : FA_2018_NA0001_55_106_20180911_00094.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.46	Rating **	M	Issue No.	246
LM End	8.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563434 °	38.563434 °
				-121.389675 °	-121.389675 °
DWR ID	DWR_NA0001_04_s_2014_246				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Retaining wall, concrete steps, and irrigation at landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_246_20180911_00198.jpg



View of the irrigation and retaining wall at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.47	Rating **	U	Issue No.	107
LM End	8.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563511 °	38.563511 °
				-121.389509 °	-121.389509 °
DWR ID	DWR_NA0001_04_s_2012_107				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_55_107_20180911_00095.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.48	Rating **	U	Issue No.	108
LM End	8.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563587 °	38.563587 °
				-121.389313 °	-121.389313 °
DWR ID	DWR_NA0001_04_s_2012_108				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_55_108_20180911_00096.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.49	Rating **	U	Issue No.	109
LM End	8.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563580 °	38.563580 °
				-121.389140 °	-121.389140 °
DWR ID	DWR_NA0001_04_s_2012_109				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_109_20180911_00097.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.51	Rating **	U	Issue No.	110
LM End	8.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563732 °	38.563732 °
				-121.388930 °	-121.388930 °
DWR ID	DWR_NA0001_04_s_2012_110				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_110_20180911_00098.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.52	Rating **	M	Issue No.	226
LM End	8.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563793 °	38.563793 °
				-121.388758 °	-121.388758 °
DWR ID	DWR_NA0001_04_s_2012_226				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Garden, trees, and cactus planted against the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_226_20180911_00187.jpg



View of landscaping at the levee toe.

LM Start	8.53	Rating **	U	Issue No.	111
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563820°	38.563820°
				-121.388518°	-121.388518°
DWR ID	DWR_NA0001_04_s_2012_111				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_111_20180911_00099.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.55	Rating **	U	Issue No.	113
LM End	8.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563963 °	38.563963 °
				-121.388135 °	-121.388135 °
DWR ID	DWR_NA0001_04_s_2012_113				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_55_113_20180911_00101.jpg



03/16/2012 Landscaping on chainlink fence blocks visibility and access.

LM Start	8.57	Rating **	U	Issue No.	114
LM End	8.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.564020 °	38.564020 °
				-121.387887 °	-121.387887 °
DWR ID	DWR_NA0001_04_s_2012_114				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and orange tree obstruct visibility.					

Photo 1 of 2 : FA_2018_NA0001_55_114_20181024_00274.jpg



View of fence with added lattice that obstructs visibility and access. Fall 2018

LM Start	8.57	Rating **	U	Issue No.	114 (cont)
LM End	8.57	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_114_20180911_00102.jpg



03/16/2012 Ivy on chainlink fence completely obstructs visibility and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.58	Rating **	U	Issue No.	115
LM End	8.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564047°	38.564047°
				-121.387743°	-121.387743°
DWR ID	DWR_NA0001_04_s_2012_115				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_115_20180911_00103.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.59	Rating **	U	Issue No.	117
LM End	8.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564094°	38.564094°
				-121.387498°	-121.387498°
DWR ID	DWR_NA0001_04_s_2012_117				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_117_20180911_00105.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.60	Rating **	U	Issue No.	116
LM End	8.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133°	38.564133°
				-121.387318°	-121.387318°
DWR ID	DWR_NA0001_04_s_2012_116				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_116_20180911_00104.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.61	Rating **	U	Issue No.	118
LM End	8.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387092 °	-121.387092 °
DWR ID	DWR_NA0001_04_s_2018_118				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_118_20180911_00106.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.63	Rating **	U	Issue No.	119
LM End	8.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564217 °	38.564217 °
				-121.386846 °	-121.386846 °
DWR ID	DWR_NA0001_04_s_2012_119				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence still completely obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_119_20180911_00107.jpg



New wood privacy fence still completely obstructs access and visibility, Spring 2018.

LM Start	8.64	Rating **	M	Issue No.	254
LM End	8.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564257 °	38.564257 °
				-121.386543 °	-121.386543 °
DWR ID	DWR_NA0001_04_s_2017_254				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence blocks access.					

Photo 1 of 1 : FA_2018_NA0001_55_254_20180911_00204.jpg



View of the fence at the levee toe.

LM Start	8.70	Rating **	C	Issue No.	255
LM End	8.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564461 °	38.564536 °
				-121.385548 °	-121.385067 °
DWR ID	DWR_NA0001_04_f_2018_255				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled animal burrows before final report. Fall 2018					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	Ob : Design & System Obsolescence
WS : Water Side	M : Minimally Acceptable	En : Enforcement
CR : Crown	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	8.95	Rating **	A/W	Issue No.	252
LM End	8.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.565696 °	38.565696 °
				-121.381141 °	-121.381141 °
DWR ID	DWR_NA0001_04_f_2018_252				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor slope damage from foot traffic.					

Photo 1 of 1 : FA_2018_NA0001_55_252_20181024_00272.jpg



View of footpath on levee toe. Fall 2018

LM Start	9.30	Rating **	C	Issue No.	249
LM End	9.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.566685 °	38.566685 °
				-121.374818 °	-121.374818 °
DWR ID	DWR_NA0001_04_s_2017_249				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
No visible rodent holes.					

No Photos

LM Start	9.48	Rating **	M	Issue No.	237
LM End	9.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566961°	38.566961°
				-121.371544°	-121.371544°
DWR ID	DWR_NA0001_04_s_2012_237				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Redwoods and ivy along fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_237_20180911_00192.jpg



View of landscaping at levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.53	Rating **	M	Issue No.	247
LM End	9.53	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567127°	38.567127°	
			-121.370721°	-121.370721°	
DWR ID	DWR_NA0001_04_f_2018_247				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence lies within levee easement.					

No Photos

LM Start	9.54	Rating **	M	Issue No.	238
LM End	9.54	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567165°	38.567165°	
			-121.370567°	-121.370567°	
DWR ID	DWR_NA0001_04_f_2018_238				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence sits at levee toe.					

No Photos

LM Start	9.55	Rating **	M	Issue No.	122
LM End	9.55	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.567181°	38.567181°	
			-121.370366°	-121.370366°	
DWR ID	DWR_NA0001_04_s_2012_122				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_122_20180911_00108.jpg



View of landscaping at levee toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.56	Rating **	N	Issue No.	123
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567246°	38.567246°
				-121.370146°	-121.370146°
DWR ID	DWR_NA0001_04_s_2012_123				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Trees, bushes, and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_123_20180911_00109.jpg



03/16/2012 Large tree stump at levee toe.

LM Start	9.57	Rating **	M	Issue No.	236
LM End	9.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567285 °	38.567285 °
				-121.369977 °	-121.369977 °
DWR ID	DWR_NA0001_04_f_2018_236				
Comment Code					
BU : Building					
Inspector Comment					
Landowner's toolshed sits at levee toe and blocks visibility.					

No Photos

LM Start	9.57	Rating **	C	Issue No.	124
LM End	9.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567274 °	38.567274 °
				-121.369926 °	-121.369926 °
DWR ID	DWR_NA0001_04_s_2012_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and vines on chain link fence within 10-ft of levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.58	Rating **	M	Issue No.	243
LM End	9.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567319 °	38.567319 °
				-121.369744 °	-121.369744 °
DWR ID	DWR_NA0001_04_s_2017_243				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 feet of levee toe. Ivy on fence is pruned not limiting visibility.					

No Photos

LM Start	9.60	Rating **	U	Issue No.	125
LM End	9.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567360 °	38.567360 °
				-121.369555 °	-121.369555 °
DWR ID	DWR_NA0001_04_s_2012_125				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense golden ivy on C/L fence obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_125_20180911_00111.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.61	Rating **	M	Issue No.	239	
LM End	9.61	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.567398 °		38.567398 °
				-121.369305 °		-121.369305 °
DWR ID	DWR_NA0001_04_s_2017_239					
Comment Code						
FE : Fence						
Inspector Comment						
Wrought iron fence within 10 feet of levee toe.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.62	Rating **	M	Issue No.	232
LM End	9.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567407 °	38.567407 °
				-121.369116 °	-121.369116 °
DWR ID	DWR_NA0001_04_s_2017_232				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 foot of levee toe.					

No Photos

LM Start	9.63	Rating **	M	Issue No.	131
LM End	9.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567453 °	38.567453 °
				-121.368923 °	-121.368923 °
DWR ID	DWR_NA0001_04_s_2017_131				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 feet of levee toe.					

No Photos

LM Start	9.65	Rating **	U	Issue No.	128
LM End	9.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567493 °	38.567493 °
				-121.368633 °	-121.368633 °
DWR ID	DWR_NA0001_04_s_2012_128				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_128_20180911_00112.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.66	Rating **	M	Issue No.	233
LM End	9.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567545 °	38.567545 °
				-121.368472 °	-121.368472 °
DWR ID	DWR_NA0001_04_f_2018_233				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence with vegetation partially blocks visibility.					

No Photos

LM Start	9.67	Rating **	U	Issue No.	227
LM End	9.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567586°	38.567586°
				-121.368219°	-121.368219°
DWR ID	DWR_NA0001_04_f_2018_227				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence lies within levee easement.					

No Photos

LM Start	9.67	Rating **	C	Issue No.	129
LM End	9.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567594 °	38.567594 °
				-121.368195 °	-121.368195 °
DWR ID	DWR_NA0001_04_s_2012_129				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner trimmed shrubs to provide visibility through chainlink fence.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.75	Rating **	M	Issue No.	231
LM End	9.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567869 °	38.567869 °
				-121.366730 °	-121.366730 °
DWR ID	DWR_NA0001_04_s _ 2017_231				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	9.75	Rating **	C	Issue No.	133
LM End	9.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567888 °	38.567888 °
				-121.366734 °	-121.366734 °
DWR ID	DWR_NA0001_04_s _ 2012_133				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation has been removed to provide visibility.					

No Photos

LM Start	9.77	Rating **	U	Issue No.	134
LM End	9.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567873 °	38.567873 °
				-121.366410 °	-121.366410 °
DWR ID	DWR_NA0001_04_s _ 2012_134				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy, hedge, and play house are within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_134_20180911_00117.jpg



View of landscaping and playhouse that are within 10 ft. of levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	9.80	Rating **	C	Issue No.	222
LM End	9.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568107°	38.568114°
				-121.365842°	-121.365747°
DWR ID	DWR_NA0001_04_f_2016_222				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two tree stumps approximately 40 feet apart.					

No Photos

LM Start	9.88	Rating **	U	Issue No.	135
LM End	9.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568411 °	38.568411 °
				-121.364489 °	-121.364489 °
DWR ID	DWR_NA0001_04_s_2012_135				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tall hedge and ivy within 10-ft of landside levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_135_20180911_00118.jpg



03/16/2012 Landscaping is obstructing visibility.

LM Start	9.93	Rating **	M	Issue No.	229
LM End	9.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568647 °	38.568647 °
				-121.363585 °	-121.363585 °
DWR ID	DWR_NA0001_04_s_2017_229				
Comment Code					
FE : Fence					
Inspector Comment					
Fence with grapevine blocking access.					

Photo 1 of 1 : FA_2018_NA0001_55_229_20181024_00270.jpg



View of landowner vegetation blocking visibility and access. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

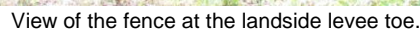
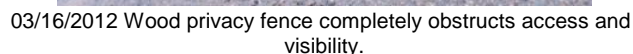
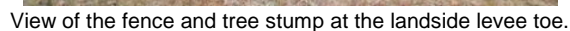
**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District



**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.08	Rating **	U	Issue No.	176
LM End	10.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569293°	38.569293°
				-121.361002°	-121.361002°
DWR ID	DWR_NA0001_04_s_2012_176				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_55_176_20180911_00153.jpg



03/16/2012 Wood structure within 15' of levee toe.

LM Start	10.24	Rating **	A/W	Issue No.	218
LM End	10.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569984°	38.569984°
				-121.358182°	-121.358182°
DWR ID	DWR_NA0001_04_f_2018_218				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor footpath along levee slope.					

No Photos

LM Start	10.24	Rating **	U	Issue No.	141
LM End	10.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569982 °	38.570118 °
				-121.358134 °	-121.357604 °
DWR ID	DWR_NA0001_04_s_2012_141				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_141_20180911_00122.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.28	Rating **	U	Issue No.	142
LM End	10.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570175 °	38.570229 °
				-121.357390 °	-121.357041 °
DWR ID	DWR_NA0001_04_s_2017_142				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_142_20180911_00123.jpg



Wooden fence behind apartments is within 10' of levee toe.

LM Start	10.30	Rating **	U	Issue No.	146
LM End	10.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570225 °	38.570245 °
				-121.357014 °	-121.356791 °
DWR ID	DWR_NA0001_04_s_2012_146				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind 6 apartments.					

Photo 1 of 1 : FA_2018_NA0001_55_146_20180911_00127.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.32	Rating **	U	Issue No.	143
LM End	10.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570257 °	38.570297 °
				-121.356783 °	-121.356403 °
DWR ID	DWR_NA0001_04_f_2018_143				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : FA_2018_NA0001_55_143_20180911_00124.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.43	Rating **	U	Issue No.	147
LM End	10.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570542 °	38.570542 °
				-121.354772 °	-121.354772 °
DWR ID	DWR_NA0001_04_s_2012_147				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence obstructs access and visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_147_20180911_00128.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.44	Rating **	A/W	Issue No.	219
LM End	10.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570559 °	38.570559 °
				-121.354514 °	-121.354514 °
DWR ID	DWR_NA0001_04_s_2017_219				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : FA_2018_NA0001_55_219_20180911_00181.jpg



View of the footpath on the levee slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.49	Rating **	U	Issue No.	150
LM End	10.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570095 °	38.570095 °
				-121.353807 °	-121.353807 °
DWR ID	DWR_NA0001_04_s_2012_150				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_150_20180911_00131.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.51	Rating **	U	Issue No.	151
LM End	10.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569921 °	38.569921 °
				-121.353643 °	-121.353643 °
DWR ID	DWR_NA0001_04_s_2012_151				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_151_20180911_00132.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.52	Rating **	U	Issue No.	152
LM End	10.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569758 °	38.569758 °
				-121.353535 °	-121.353535 °
DWR ID	DWR_NA0001_04_s_2012_152				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_152_20180911_00133.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.56	Rating **	M	Issue No.	217
LM End	10.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569296 °	38.569296 °
				-121.353365 °	-121.353365 °
DWR ID	DWR_NA0001_04_f_2018_217				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and bushes block visibility of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_217_20181024_00269.jpg



View of landowner vegetation blocking visibility of levee toe. Fall 2018

LM Start	10.57	Rating **	U	Issue No.	153
LM End	10.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569166°	38.569166°
				-121.353272°	-121.353272°
DWR ID	DWR_NA0001_04_s_2012_153				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and ivy within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_153_20180911_00134.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.58	Rating **	U	Issue No.	154
LM End	10.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569013 °	38.569013 °
				-121.353218 °	-121.353218 °
DWR ID	DWR_NA0001_04_s_2012_154				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_154_20180911_00135.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.59	Rating **	M	Issue No.	155
LM End	10.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568892 °	38.568892 °
				-121.353162 °	-121.353162 °
DWR ID	DWR_NA0001_04_s_2012_155				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and bushes are within 10-ft of the levee toe and block visibility.					

Photo 1 of 1 : FA_2018_NA0001_55_155_20181024_00268.jpg



View of tree and bushes within levee easement. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.60	Rating **	U	Issue No.	156
LM End	10.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568713 °	38.568713 °
				-121.353150 °	-121.353150 °
DWR ID	DWR_NA0001_04_s_2012_156				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_156_20180911_00137.jpg



View of the fence at the landside levee toe obstructing visibility and access.

LM Start	10.61	Rating **	M	Issue No.	157
LM End	10.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568608 °	38.568608 °
				-121.353054 °	-121.353054 °
DWR ID	DWR_NA0001_04_s_2012_157				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tall hedge and vine on levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_157_20180911_00138.jpg



03/16/2012 Landscaping obstructs visibility

LM Start	10.62	Rating **	U	Issue No.	158
LM End	10.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568355 °	38.568355 °
				-121.353033 °	-121.353033 °
DWR ID	DWR_NA0001_04_s_2012_158				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_158_20180911_00139.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

03/16/2012 Wood privacy fence completely obstructs access and visibility.

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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.70	Rating **	U	Issue No.	162
LM End	10.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567402 °	38.567402 °
				-121.352415 °	-121.352415 °
DWR ID	DWR_NA0001_04_s_2012_162				
Comment Code					
FE : Fence					
Inspector Comment					
New wooden fence still within 10-ft of levee toe.					

Photo 1 of 2 : FA_2018_NA0001_55_162_20181024_00267.jpg



View of new wooden fence at levee toe that blocks visibility. Fall 2018

LM Start	10.70	Rating **	U	Issue No.	162 (cont)
LM End	10.70	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_55_162_20180911_00143.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.71	Rating **	U	Issue No.	163
LM End	10.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567250 °	38.567250 °
				-121.352341 °	-121.352341 °
DWR ID	DWR_NA0001_04_s_2012_163				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_163_20180911_00144.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.76	Rating **	U	Issue No.	171
LM End	10.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566499 °	38.566499 °
				-121.351952 °	-121.351952 °
DWR ID	DWR_NA0001_04_s_2012_171				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and tall hedge within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_171_20180911_00151.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.77	Rating **	U	Issue No.	169
LM End	10.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566399 °	38.566399 °
				-121.351931 °	-121.351931 °
DWR ID	DWR_NA0001_04_s_2012_169				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_169_20180911_00149.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

03/16/2012 Wood privacy fence completely obstructs access and visibility.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/17/2018 10/22/2018	Luz Dial

LM Start	10.81	Rating **	U	Issue No.	168
LM End	10.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.565917 °	38.565646 °
				-121.351682 °	-121.351532 °
DWR ID	DWR_NA0001_04_s_2012_168				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_55_168_20180911_00148.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 05 Sacramento River			Left	0.41
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		10/17/2018 - 10/17/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	10/17/2018 10/17/2018	Luz Dial

LM Start	0.10	Rating **	U	Issue No.	2
LM End	0.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595044 °	38.594117 °
				-121.506497 °	-121.506377 °
DWR ID	DWR_NA0001_05_s_2012_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping behind Best Western. This appears to be permit 8760, but the landscaping is not maintained per title 23 standards.					

Photo 1 of 1 : FA_2018_NA0001_56_2_20180911_00001.jpg



View of the landscaping on the landside levee slope obstructing visibility and access. Fall 2017

LM Start	0.22	Rating **	M	Issue No.	1
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.593298 °	38.593298 °
				-121.506230 °	-121.506230 °
DWR ID	DWR_NA0001_05_f_2018_1				
Comment Code					
DE : Debris					
Inspector Comment					
Tree log debris needs to be removed.					

Photo 1 of 1 : FA_2018_NA0001_56_1_20181024_00003.jpg



View of tree log debris on levee slope. Fall 2018

LM Start	0.27	Rating **	C	Issue No.	5
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.592630 °	38.591517 °
				-121.505850 °	-121.505447 °
DWR ID	DWR_NA0001_05_s_2012_5				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping at the City intake facility appears to be part of permit 17196.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 06 Linda Creek			Left	1.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/7/2018 - 5/7/2018		10/10/2018 - 10/10/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/10/2018 10/10/2018	Luz Dial

LM Start	0.02	Rating **	A/W	Issue No.	5	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.657400 °		38.657400 °
				-121.474455 °		-121.474455 °
DWR ID	24092					
Comment Code						
Inspector Comment						
FS_ID:26884						
DS_ID:24092						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 22.7 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at located on the waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 396+65)].						
FS Date: 12/20/2013						

LM Start	0.02	Rating **	A/W	Issue No.	5 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_26884_49630.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_FA_2018_26884_49629.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/10/2018 10/10/2018	Luz Dial

LM Start	0.02	Rating **	A/W	Issue No.	5 (cont)	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.657400 °		38.657400 °
				-121.474455 °		-121.474455 °
DWR ID	24092					
Comment Code						
Inspector Comment						
FS_ID:26884						
DS_ID:24092						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 22.7 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at located on the waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 396+65)].						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_26884_49628.jpg



Concrete vault protected by posts located on waterward shoulder.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/10/2018 10/10/2018	Luz Dial

LM Start	0.75	Rating **	M	Issue No.	6	
LM End	0.75	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.660518 °	38.660518 °	
				-121.461826 °	-121.461826 °	
DWR ID	24812					
Comment Code						
Inspector Comment						
FS_ID:30706 DS_ID:24812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate landside DI near Pinedale. (DWR UCIP - O. Magana) 12/20/2013 Unable to confirm if line goes through levee or along landward slope. No permit found. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Storm drain manhole located on landside (LS). (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) FS Date: 12/20/2013						

LM Start	0.75	Rating **	M	Issue No.	6 (cont)
LM End	0.75	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_30706_56559.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2018_30706_56558.jpg



Manhole located on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/10/2018 10/10/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	7	
LM End	0.84	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.661156°	38.661156°	
				-121.460475°	-121.460475°	
DWR ID	24354					
Comment Code						
Inspector Comment						
FS_ID:29223 DS_ID:24354 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing was not identified, ARFCD Staff Notes indicate old pipe between Kelton and Sully (not found). (DWR UCIP - O. Magana) 12/20/2013 Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Two corrugated metal cutoff walls around pipe. Slide gate in corrugated metal riser and flap gate on waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure - no owner has been identified) [Additional Reference(s): USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 440+50)]. FS Date: 12/20/2013						

Photo 1 of 3 : UCIP_FA_2018_29223_54002.jpg



View of waterward side--no evidence of crossing.

LM Start	0.84	Rating **	M	Issue No.	7 (cont)
LM End	0.84	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_29223_54001.jpg



View of landward side--manhole on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/10/2018 10/10/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	7 (cont)	
LM End	0.84	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.661156 °	38.661156 °	
				-121.460475 °	-121.460475 °	
DWR ID	24354					
Comment Code						
Inspector Comment						
FS_ID:29223 DS_ID:24354 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing was not identified, ARFCD Staff Notes indicate old pipe between Kelton and Sully (not found). (DWR UCIP - O. Magana) 12/20/2013 Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Two corrugated metal cutoff walls around pipe. Slide gate in corrugated metal riser and flap gate on waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure - no owner has been identified) [Additional Reference(s): USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 440+50)]. FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_29223_54000.jpg



Manhole visible on landward toe.

LM Start	0.96	Rating **	A	Issue No.	3
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662083 °	38.662083 °
				-121.458561 °	-121.458561 °
DWR ID	DWR_NA0001_06_f_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Landside vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_57_3_20181015_00007.jpg



View of landside vegetation. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 07 Arcade Creek			Right	1.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		-	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	0.00	Rating **	A/W	Issue No.	33
LM End	1.93	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.620430 °	38.628645 °
				-121.467848 °	-121.436141 °
DWR ID	DWR_NA0001_07_f_2018_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Due to construction, LMA could not perform annual maintenance. DWR did not conduct inspection.					

No Photos

LM Start	0.01	Rating **	A/W	Issue No.	32
LM End	1.92	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.620443 °	38.628500 °
				-121.467664 °	-121.436135 °
DWR ID	DWR_NA0001_07_s_2018_32				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
This Unit is under construction and not accessible. All the issues for Unit 7 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.					

Photo 1 of 1 : FA_2018_NA0001_58_32_20180911_00028.jpg



View looking upstream from Norwood Ave. This Unit is under construction and not accessible. All the issues for Unit 7 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	0.04	Rating **	M	Issue No.	38							
LM End	0.04	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Slope Stability		38.620569°	38.620569°								
			-121.467117°	-121.467117°								
DWR ID	DWR_NA0001_07_f_2015_38											
Comment Code												
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.												
Inspector Comment												

Photo 1 of 1 : FA_2018_NA0001_58_38_20180911_00031.jpg



View of the landside levee slope damaged by motorized traffic.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	0.71	Rating **	M	Issue No.	45
LM End	0.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.624843 °	38.624843 °
				-121.457097 °	-121.457097 °
DWR ID	24363				
Comment Code					
Inspector Comment					
FS_ID:53489 DS_ID:24363 EP_NO: 18641-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Everything appears to be the same as last time. No markers have been placed. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)08/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel natural gas pipeline through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 7/18/2018					

Photo 1 of 3 : UCIP_FA_2018_53489_54061.jpg



Norwood Avenue Bridge

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	0.71	Rating **	M	Issue No.	45 (cont)							
LM End	0.71	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.624843 °	38.624843 °								
			-121.457097 °	-121.457097 °								
DWR ID	24363											
Comment Code												
Inspector Comment												
<p>FS_ID:53489 DS_ID:24363 EP_NO: 18641-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Everything appears to be the same as last time. No markers have been placed. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)08/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel natural gas pipeline through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 7/18/2018</p>												

Photo 2 of 3 : UCIP_FA_2018_53489_54062.jpg



View of pipe attached to bridge.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	0.71	Rating **	M	Issue No.	45 (cont)	
LM End	0.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.624843 °	38.624843 °	
				-121.457097 °	-121.457097 °	
DWR ID	24363					
Comment Code						
Inspector Comment						
FS_ID:53489 DS_ID:24363 EP_NO: 18641-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 Everything appears to be the same as last time. No markers have been placed. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 06/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing is downgraded to "Non-Urgent" until the gas line is raised to the 200-year level. (A. McDonald - DWR UCIP)08/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel natural gas pipeline through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. Pipeline is protected by a cage along the side of the bridge. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 7/18/2018						

Photo 3 of 3 : UCIP_FA_2018_53489_54060.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.05	Rating **	A/W	Issue No.	5
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625862 °	38.625862 °
				-121.450978 °	-121.450978 °
DWR ID	DWR_NA0001_07_f_2017_5				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Minor erosion on the slope should be monitored.					

Photo 1 of 1 : FA_2018_NA0001_58_5_20180911_00004.jpg



View of the damaged levee slope.

LM Start	1.24	Rating **	M	Issue No.	46	
LM End	1.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.625785 °		38.625785 °
				-121.447464 °		-121.447464 °
DWR ID	24447					
Comment Code						
Inspector Comment						
FS_ID:40803 DS_ID:24447 EP_NO: 16466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). 12/20/2013 Need to contact owner to determine if crossings are at this location are associated with Permit number 16466--unable to confirm crossings. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2 feet below the crown. Manhole located on the levee crown. (two 6-inch pipes and one 2-inch pipe authorized under Permit No. 16466, 1995 - Sacramento Municipal Utility District [SMUD]; modifications to existing crossings, cut and replace existing two 6-inch pipes and one 2-inch pipe, work authorized under Permit No. 16466, 2016 - SMUD) FS Date: 12/20/2013						

Photo 1 of 3 : UCIP_FA_2018_40803_48512.jpg



Underground Service Alert (USA) marking present on pavement however, unable to verify crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

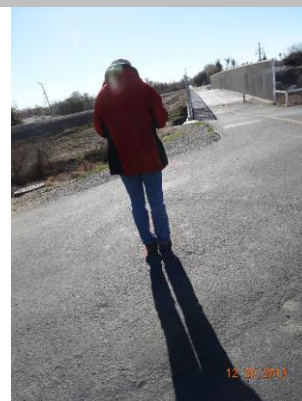
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.24	Rating **	M	Issue No.	46 (cont)	
LM End	1.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625785 °	38.625785 °	
				-121.447464 °	-121.447464 °	
DWR ID	24447					
Comment Code						
Inspector Comment						
FS_ID:40803 DS_ID:24447 EP_NO: 16466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). 12/20/2013 Need to contact owner to determine if crossings are at this location are associated with Permit number 16466--unable to confirm crossings. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2 feet below the crown. Manhole located on the levee crown. (two 6-inch pipes and one 2-inch pipe authorized under Permit No. 16466, 1995 - Sacramento Municipal Utility District [SMUD]; modifications to existing crossings, cut and replace existing two 6-inch pipes and one 2-inch pipe, work authorized under Permit No. 16466, 2016 - SMUD) FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_FA_2018_40803_48511.jpg



View of levee crown and estimate where crossings cross levee.

LM Start	1.24	Rating **	M	Issue No.	46 (cont)
LM End	1.24	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_40803_48510.jpg



Underground Service Alert (USA) faint utility markers visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.31	Rating **	M	Issue No.	47	
LM End	1.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.626198 °		38.626198 °
				-121.446321 °		-121.446321 °
DWR ID	24553					
Comment Code						
Inspector Comment						
FS_ID:29275						
DS_ID:24553						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Only manhole present--need to coordinate with owner to determine if crossing is still presnt and whether manhole corresponds to this crossing.						
FIELD_STRUCT_DESC: 8-inch (not 10-inch as indicated in desk study) sewer pipe through the levee, 7.5 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986) by the City of Sacramento, Department of Public Works.						
[Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/20/2013						

Photo 1 of 1 : UCIP_FA_2018_29275_54199.jpg



Manhole visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.33	Rating **	M	Issue No.	48
LM End	1.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626218 °	38.626218 °
				-121.446318 °	-121.446318 °
DWR ID	24443				
Comment Code					
Inspector Comment					
FS_ID:53491 DS_ID:24443 EP_NO: 15152-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 This pipeline was abandoned. It was cut and capped at the north end of the Rio Linda Blvd bridge. The section of pipe that goes under the levee is open on the WS end. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel natural gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E). FS Date: 7/18/2018					

Photo 1 of 3 : UCIP_FA_2018_53491_75853.jpg



View of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.33	Rating **	M	Issue No.	48 (cont)	
LM End	1.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.626218 °	38.626218 °	
				-121.446318 °	-121.446318 °	
DWR ID	24443					
Comment Code						
Inspector Comment						
FS_ID:53491 DS_ID:24443 EP_NO: 15152-1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/18/2018 This pipeline was abandoned. It was cut and capped at the north end of the Rio Linda Blvd bridge. The section of pipe that goes under the levee is open on the WS end. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel natural gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E). FS Date: 7/18/2018						

Photo 2 of 3 : UCIP_FA_2018_53491_75854.jpg



No signs of crossing visible through levee or channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.33	Rating **	M	Issue No.	48 (cont)
LM End	1.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626218 °	38.626218 °
				-121.446318 °	-121.446318 °
DWR ID	24443				

Comment Code

Inspector Comment

FS_ID:53491

DS_ID:24443

EP_NO: 15152-1

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 07/18/2018 This pipeline was abandoned. It was cut and capped at the north end of the Rio Linda Blvd bridge. The section of pipe that goes under the levee is open on the WS end. This gas line is supposed to be raised to the 200-year water surface elevation. PG&E records for this distribution main indicate that there were no leaks found on the 07/2017 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. Crossing downgraded to "Non-Urgent" pending documentation that this gas line has been abandoned properly. (A. McDonald - DWR UCIP)8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 4-inch steel natural gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Pipeline was abandoned, cut, and capped at the north end of the Rio Linda Blvd bridge. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E).

FS Date: 7/18/2018

Photo 3 of 3 : UCIP_FA_2018_53491_77630.jpg



Natural gas pipeline grouted and capped on the WS at N end of Rio Linda Blvd bridge.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.33	Rating **	A/W	Issue No.	49	
LM End	1.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.626321 °	38.626321 °	
				-121.445964 °	-121.445964 °	
DWR ID	24370					
Comment Code						
Inspector Comment						
FS_ID:29301 DS_ID:24370 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11 feet below the crown. Slide gate in CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 65+73)] FS Date: 12/20/2013						

LM Start	1.33	Rating **	A/W	Issue No.	49 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_29301_54278.jpg



View of flood wall along waterward side.

Photo 2 of 3 : UCIP_FA_2018_29301_54277.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.33	Rating **	A/W	Issue No.	49 (cont)					
LM End	1.33	Issue Type +	Ma	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	DWR UCIP LMA Responsibility		38.626321 °	38.626321 °						
			-121.445964 °	-121.445964 °						
DWR ID	24370									
Comment Code										
Inspector Comment										
FS_ID:29301 DS_ID:24370 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11 feet below the crown. Slide gate in CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 65+73)] FS Date: 12/20/2013										

Photo 3 of 3 : UCIP_FA_2018_29301_54276.jpg



Concrete vault located on waterward shoulder.

LM Start	1.39	Rating **	A/W	Issue No.	34					
LM End	1.39	Issue Type +	Ma	Location *	LS					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Slope Stability		38.626601 °	38.626601 °						
			-121.445016 °	-121.445016 °						
DWR ID	DWR_NA0001_07_s_2012_34									
Comment Code										
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.										
Inspector Comment										
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.										

Photo 1 of 1 : FA_2018_NA0001_58_34_20180911_00029.jpg



View of the landside levee slope damaged by foot traffic.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	50
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.627201 °	38.627201 °
				-121.443790 °	-121.443790 °
DWR ID	24371				
Comment Code					
Inspector Comment					

FS_ID:29302
DS_ID:24371
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal (CM) drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)]
FS Date: 12/20/2013

Photo 1 of 3 : UCIP_FA_2018_29302_54282.jpg



View of levee crown--flood wall located along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	50 (cont)	
LM End	1.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.627201 °	38.627201 °	
				-121.443790 °	-121.443790 °	
DWR ID	24371					
Comment Code						
Inspector Comment						
FS_ID:29302 DS_ID:24371 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP – O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal (CM) drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)] FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_FA_2018_29302_54283.jpg



Headwall with debris screen located at waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	50 (cont)
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.627201 °	38.627201 °
				-121.443790 °	-121.443790 °
DWR ID	24371				

Comment Code

Inspector Comment

FS_ID:29302

DS_ID:24371

EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)

06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).

06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal (CM) drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)] FS Date: 12/20/2013

Photo 3 of 3 : UCIP_FA_2018_29302_54284.jpg

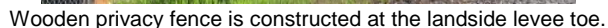
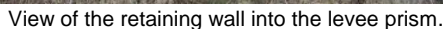
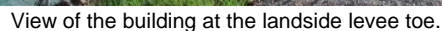


View of waterward side--concrete vault and headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

American River Flood Control District



**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.58	Rating **	U	Issue No.	4
LM End	1.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627707 °	38.627707 °
				-121.441965 °	-121.441965 °
DWR ID	DWR_NA0001_07_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_4_20180911_00003.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.60	Rating **	M	Issue No.	51
LM End	1.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627760 °	38.627760 °
				-121.441593 °	-121.441593 °
DWR ID	24835				
Comment Code					
Inspector Comment					
FS_ID:52672					
DS_ID:24835					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 08/11/2017 PG&E records for DFM 0614-13 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 11/2016 CP inspection. (DWR UCIP - A. McDonald)11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 Gas line - no markers visible. No permit available.					
FIELD_STRUCT_DESC: 2 of 2: 6-inch gasoline of unknown material through the levee and under the channel at an unknown depth. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell).					
FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_FA_2018_52672_74733.jpg



Markers installed through both levees in 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.60	Rating **	M	Issue No.	51 (cont)	
LM End	1.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627760 °	38.627760 °	
				-121.441593 °	-121.441593 °	
DWR ID	24835					
Comment Code						
Inspector Comment						
FS_ID:52672 DS_ID:24835 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for DFM 0614-13 indicate that there were no observations found on the 07/2017 patrol, no leaks found on the 04/2017 leak survey, and the pipeline is operating correctly according to the 11/2016 CP inspection. (DWR UCIP - A. McDonald)11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 Gas line - no markers visible. No permit available. FIELD_STRUCT_DESC: 2 of 2: 6-inch gasline of unknown material through the levee and under the channel at an unknown depth. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). FS Date: 12/20/2013						

LM Start	1.60	Rating **	M	Issue No.	51 (cont)
LM End	1.60	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_52672_57525.jpg



Underground service alert (USA) markings visible on floodwall.

Photo 3 of 3 : UCIP_FA_2018_52672_57524.jpg



6-inch gas line through levee at an unknown depth.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

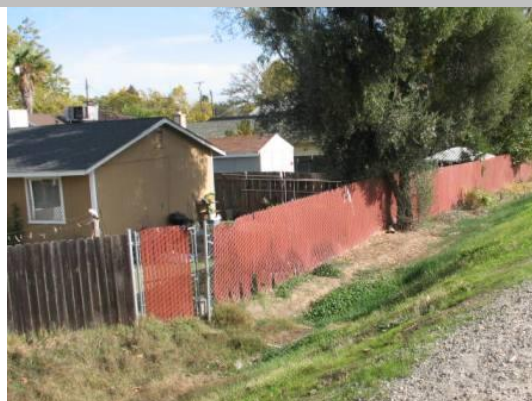
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.61	Rating **	M	Issue No.	29
LM End	1.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627733 °	38.627733 °
				-121.441415 °	-121.441415 °
DWR ID	DWR_NA0001_07_s_2012_29				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_29_20180911_00026.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.63	Rating **	U	Issue No.	27
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627681 °	38.627681 °
				-121.441021 °	-121.441021 °
DWR ID	DWR_NA0001_07_s_2012_27				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and overgrown trees are within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_27_20180911_00024.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.63	Rating **	M	Issue No.	28
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627668 °	38.627668 °
				-121.441018 °	-121.441018 °
DWR ID	DWR_NA0001_07_s_2012_28				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_28_20180911_00025.jpg



11/17/2011 Privacy fence is constructed at the toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.64	Rating **	U	Issue No.	26
LM End	1.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627667 °	38.627667 °
				-121.440837 °	-121.440837 °
DWR ID	DWR_NA0001_07_s_2012_26				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_26_20180911_00023.jpg



View of the wooden fence at the landside levee toe.

LM Start	1.64	Rating **	M	Issue No.	18
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627670 °	38.627670 °
				-121.440814 °	-121.440814 °
DWR ID	DWR_NA0001_07_f_2017_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

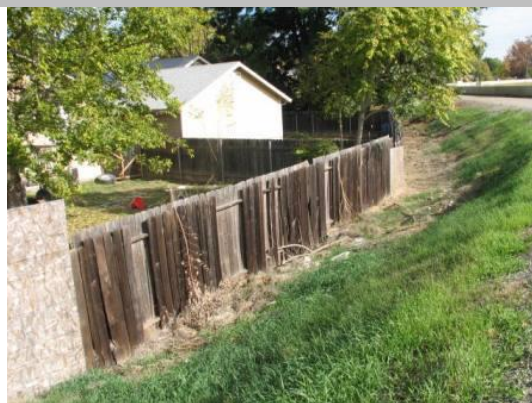
Photo 1 of 1 : FA_2018_NA0001_58_18_20180911_00017.jpg



View of the rodent hole that needs to be backfilled.

LM Start	1.65	Rating **	U	Issue No.	25
LM End	1.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627677 °	38.627677 °
				-121.440629 °	-121.440629 °
DWR ID	DWR_NA0001_07_s_2012_25				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_25_20180911_00022.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.66	Rating **	U	Issue No.	40
LM End	1.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627727 °	38.627727 °
				-121.440442 °	-121.440442 °
DWR ID	DWR_NA0001_07_s_2016_40				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_58_40_20180911_00033.jpg



View of the fence at the landside levee toe.

LM Start	1.67	Rating **	M	Issue No.	41
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627803 °	38.627803 °
				-121.440270 °	-121.440270 °
DWR ID	DWR_NA0001_07_s_2016_41				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_58_41_20180911_00034.jpg



View of the fence at the landside levee toe.

LM Start	1.68	Rating **	U	Issue No.	44
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627874 °	38.627874 °
				-121.440134 °	-121.440134 °
DWR ID	DWR_NA0001_07_s_2016_44				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_58_44_20180911_00036.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

View of the wooden fence at the landside levee toe.

View of the shed at the landside levee toe.

11/17/2011 Building is constructed at the toe.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	24
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628086°	38.628086°
				-121.439544°	-121.439544°
DWR ID	DWR_NA0001_07_s_2012_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Palm tree was trimmed up.					

Photo 1 of 1 : FA_2018_NA0001_58_24_20180911_00021.jpg



View of palm tree within 10-ft of the levee toe trimmed up from previous inspection.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	52
LM End	1.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.628108 °	38.628108 °
				-121.439471 °	-121.439471 °
DWR ID	24373				
Comment Code					
Inspector Comment					
FS_ID:29324 DS_ID:24373 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 7.8 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside corrugated metal (CM) riser located on the WS slope. Flap gate is located on the WS end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)] FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_FA_2018_29324_54305.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	52 (cont)
LM End	1.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.628108 °	38.628108 °
				-121.439471 °	-121.439471 °
DWR ID	24373				
Comment Code					
Inspector Comment					
FS_ID:29324 DS_ID:24373 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 7.8 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside corrugated metal (CM) riser located on the WS slope. Flap gate is located on the WS end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)] FS Date: 12/20/2013					

Photo 2 of 3 : UCIP_FA_2018_29324_54307.jpg



Floodwall along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	52 (cont)	
LM End	1.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.628108 °	38.628108 °	
				-121.439471 °	-121.439471 °	
DWR ID	24373					
Comment Code						
Inspector Comment						
FS_ID:29324 DS_ID:24373 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 7.8 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside corrugated metal (CM) riser located on the WS slope. Flap gate is located on the WS end. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)] FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_29324_54306.jpg



Concrete headwall with debris screen located on waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.74	Rating **	U	Issue No.	23
LM End	1.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628221°	38.628221°
				-121.439138°	-121.439138°
DWR ID	DWR_NA0001_07_s_2012_23				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence and cedar trees are within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_23_20180911_00020.jpg



View of wooden privacy fence constructed at the toe.

LM Start	1.75	Rating **	U	Issue No.	9
LM End	1.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628197°	38.628197°
				-121.438863°	-121.438863°
DWR ID	DWR_NA0001_07_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_9_20180911_00008.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.79	Rating **	U	Issue No.	10
LM End	1.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628273 °	38.628273 °
				-121.438255 °	-121.438255 °
DWR ID	DWR_NA0001_07_s_2012_10				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on the levee slope.					

Photo 1 of 1 : FA_2018_NA0001_58_10_20180911_00009.jpg



Landscaping has grown over the fence and obstructs visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.80	Rating **	U	Issue No.	11
LM End	1.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628297 °	38.628297 °
				-121.437995 °	-121.437995 °
DWR ID	DWR_NA0001_07_f_2012_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_11_20180911_00010.jpg



11/17/2011 Overgrown vegetation obstructs visibility and access.

LM Start	1.81	Rating **	U	Issue No.	12
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628307 °	38.628307 °
				-121.437842 °	-121.437842 °
DWR ID	DWR_NA0001_07_s_2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence with barbed wire is within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_12_20180911_00011.jpg



11/17/2011 Barbed wire topped privacy fence is located at the toe.

LM Start	1.82	Rating **	U	Issue No.	13
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303 °	38.628303 °
				-121.437693 °	-121.437693 °
DWR ID	DWR_NA0001_07_s_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_13_20180911_00012.jpg



11/17/2011 Privacy fence is located at the toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.83	Rating **	U	Issue No.	14
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303°	38.628303°
				-121.437530°	-121.437530°
DWR ID	DWR_NA0001_07_s_2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_14_20180911_00013.jpg



Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	53
LM End	1.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.628381 °	38.628381 °
				-121.437412 °	-121.437412 °
DWR ID	24375				
Comment Code					
Inspector Comment					
FS_ID:29326					
DS_ID:24375					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana)					
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).					
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside corrugated metal (CM) riser located on the waterside (WS) slope. Flap gate is located on the WS end. Concrete headwalls on both WS and landside (LS) ends. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 84+62)]					
FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_FA_2018_29326_54319.jpg



Floodwall along waterward shoulder for almost entire Unit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	53 (cont)	
LM End	1.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.628381 °	38.628381 °	
				-121.437412 °	-121.437412 °	
DWR ID	24375					
Comment Code						
Inspector Comment						
FS_ID:29326						
DS_ID:24375						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana)						
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside corrugated metal (CM) riser located on the waterside (WS) slope. Flap gate is located on the WS end. Concrete headwalls on both WS and landside (LS) ends. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 84+62)]						
FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_FA_2018_29326_54318.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	53 (cont)	
LM End	1.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.628381 °	38.628381 °	
				-121.437412 °	-121.437412 °	
DWR ID	24375					
Comment Code						
Inspector Comment						
FS_ID:29326 DS_ID:24375 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside corrugated metal (CM) riser located on the waterside (WS) slope. Flap gate is located on the WS end. Concrete headwalls on both WS and landside (LS) ends. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 84+62)] FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_29326_54320.jpg



Inside view of concrete riser located on waterward shoulder--debris found at the bottom of riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93		Luz Dial

LM Start	1.87	Rating **	U	Issue No.	22
LM End	1.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628318 °	38.628318 °
				-121.436794 °	-121.436794 °
DWR ID	DWR_NA0001_07_s_2012_22				
Comment Code					
BU : Building					
Inspector Comment					
Wooden shed and landscaping along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_58_22_20180911_00019.jpg



11/17/2011 Building is too close to the levee toe and obstructs visibility and access.

LM Start	1.89	Rating **	U	Issue No.	21
LM End	1.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628280 °	38.628280 °
				-121.436365 °	-121.436365 °
DWR ID	DWR_NA0001_07_s_2012_21				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Wooden side building and juniper trees along chain link fence are within 10-ft of landside toe.					

Photo 1 of 1 : FA_2018_NA0001_58_21_20180911_00018.jpg



11/17/2011 Building and landscaping are too close to the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 08 Magpie Creek Diversion			Left	1.44
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		10/10/2018 - 10/10/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	0.29	Rating **	A/W	Issue No.	14
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.668196°	38.668196°
				-121.442171°	-121.442171°
DWR ID	DWR_NA0001_08_f_2018_14				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor slope damage from foot traffic around gate.					

Photo 1 of 1 : FA_2018_NA0001_59_14_20181011_00018.jpg



View of slope damage near gate on an oversized section of levee. Fall 2018

LM Start	0.30	Rating **	A/W	Issue No.	5
LM End	0.49	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668191 °	38.668116 °
				-121.442059 °	-121.438661 °
DWR ID	DWR_NA0001_08_s_2012_5				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Re-vegetation site on levee slope.					

No Photos

LM Start	0.31	Rating **	U	Issue No.	13
LM End	0.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668164°	38.668152°
				-121.441870°	-121.441639°
DWR ID	DWR_NA0001_08_f_2018_13				
Comment Code					
FE : Fence					
Inspector Comment					
Raised wooden fence blocks visibility along levee easement.					

Photo 1 of 1 : FA_2018_NA0001_59_13_20181011_00017.jpg



View of raised wooden fence that blocks visibility along levee easement. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of the building within 10 feet of landside levee toe, facing downstream.

Page 2 of 9

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	0.38	Rating **	U	Issue No.	12
LM End	0.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668149°	38.668147°
				-121.440704°	-121.440533°
DWR ID	DWR_NA0001_08_f_2018_12				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence with vegetation blocks visibility of levee easement.					

Photo 1 of 1 : FA_2018_NA0001_59_12_20181011_00016.jpg



View of wooden fence with vegetation that blocks visibility of levee easement. Fall 2018

LM Start	0.39	Rating **	U	Issue No.	22
LM End	0.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668145 °	38.668118 °
				-121.440493 °	-121.440268 °
DWR ID	DWR_NA0001_08_s_2014_22				
Comment Code					
FE : Fence					
Inspector Comment					
Fence appears to be constructed at the property line. Fence limits visibility of the landside.					

Photo 1 of 1 : FA_2018_NA0001_59_22_20180911_00009.jpg



View of the fence at the landside levee toe. Fall 2016

LM Start	0.40	Rating **	U	Issue No.	6
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668147°	38.668141°
				-121.440248°	-121.439755°
DWR ID	DWR_NA0001_08_s_2012_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence limit visibility.					

Photo 1 of 1 : FA_2018_NA0001_59_6_20180911_00004.jpg



View of the vines on fence obstructing visibility of landside toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

American River Flood Control District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	1.27	Rating **	M	Issue No.	11	
LM End	1.27	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.661983 °		38.661983 °
				-121.431701 °		-121.431701 °
DWR ID	DWR_NA0001_08_f_2018_11					
Comment Code						
A2 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						
Animal holes need to be backfilled.						

Photo 1 of 1 : FA_2018_NA0001_59_11_20181011_00015.jpg



View of animal holes on levee slope. Fall 2018

LM Start	1.28	Rating **	M	Issue No.	23
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661843 °	38.661843 °
				-121.431675 °	-121.431675 °
DWR ID	24815				
Comment Code					
Inspector Comment					
FS_ID:30689 DS_ID:24815 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if conduit or gas line cross levee or flag identifying problem areas. Need additional information. FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterside (WS) and landside (LS) during field inspection. FS Date: 12/20/2013					

Photo 1 of 2 : UCIP_FA_2018_30689_56509.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	1.28	Rating **	M	Issue No.	23 (cont)
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661843 °	38.661843 °
				-121.431675 °	-121.431675 °
DWR ID	24815				
Comment Code					
Inspector Comment					
FS_ID:30689 DS_ID:24815 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if conduit or gas line cross levee or flag identifying problem areas. Need additional information. FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterside (WS) and landside (LS) during field inspection. FS Date: 12/20/2013					

Photo 2 of 2 : UCIP_FA_2018_30689_56508.jpg



View of landward side.

LM Start	1.30	Rating **	M	Issue No.	7
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.661593 °	38.661370 °
				-121.431420 °	-121.430943 °
DWR ID	DWR_NA0001_08_s_2012_7				
Comment Code					
FE : Fence					
Inspector Comment					
Cyclone fence with barbed wire within 10' of toe for part of its alignment.					

Photo 1 of 1 : FA_2018_NA0001_59_7_20180911_00005.jpg



11/17/2011 Chainlink fence at levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	1.39	Rating **	M	Issue No.	10
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.660990 °	38.660990 °
				-121.430113 °	-121.430113 °
DWR ID	DWR_NA0001_08_f_2018_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	M	Issue No.	8
LM End	1.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.660968 °	38.660828 °
				-121.430023 °	-121.429428 °
DWR ID	DWR_NA0001_08_s_2013_8				
Comment Code					
FE : Fence					
Inspector Comment					
Cyclone fence alignment returns to within 10' of toe.					

Photo 1 of 1 : FA_2018_NA0001_59_8_20180911_00006.jpg



11/17/2011 Chainlink fence alignment returns to the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	1.40	Rating **	M	Issue No.	24	
LM End	1.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.660913 °	38.660913 °	
				-121.429900 °	-121.429900 °	
DWR ID	24384					
Comment Code						
Inspector Comment						
FS_ID:29329 DS_ID:24384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing. FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal (CM) pipe through the levee, 8 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate on waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 72+10)] FS Date: 12/20/2013						

Photo 1 of 3 : UCIP_FA_2018_29329_54333.jpg



View of riser with slide gate located on waterward side.

LM Start	1.40	Rating **	M	Issue No.	24 (cont)
LM End	1.40	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_29329_54332.jpg



Slide gate non-functional--riser filled with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

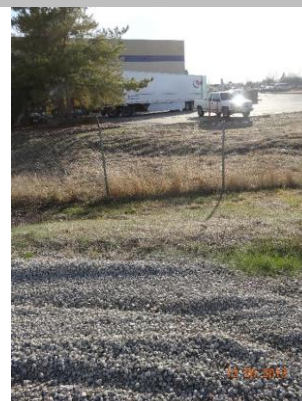
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/10/2018 10/10/2018	Luz Dial

LM Start	1.40	Rating **	M	Issue No.	24 (cont)	
LM End	1.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.660913 °	38.660913 °	
				-121.429900 °	-121.429900 °	
DWR ID	24384					
Comment Code						
Inspector Comment						
FS_ID:29329						
DS_ID:24384						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing.						
FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal (CM) pipe through the levee, 8 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate on waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt.						
[Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 72+10)]						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_29329_54334.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 09 American River			Right	4.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		10/24/2018 - 10/24/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		George Wade Wylie DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566298 °	38.566298 °
				-121.390680 °	-121.390680 °
DWR ID	DWR_NA0001_09_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree trunk at fence line.					

Photo 1 of 1 : FA_2018_NA0001_60_14_20180911_00005.jpg



View of tree trunk at fence line.

LM Start	1.29	Rating **	M	Issue No.	29	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.562285 °	38.562285 °	
				-121.405265 °	-121.405265 °	
DWR ID	24394					
Comment Code						
Inspector Comment						
FS_ID:29347 DS_ID:24394 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner mentioned in email, ARFCD Staff Notes indicate riser in floodway near Beckenwood Way. (DWR UCIP - O. Magana) 12/05/2013 Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *Assumed ABANDONED* 12-inch steel pipe of unknown purpose through the levee, 14 feet below the crown. Riser unit on waterside (WS). (reference to 12-inch pipe scheduled to be abandoned (no clear direction of action taken available in permit recordation, see page 14 of 27 electronic permit copy) under Permit No. 4622, 1964 - County of Sacramento). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 517, Part No. 1, November 1959, Drawing No. 1-4-0415, (Station 296+85)] FS Date: 12/5/2013						

Photo 1 of 2 : UCIP_FA_2018_29347_54363.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

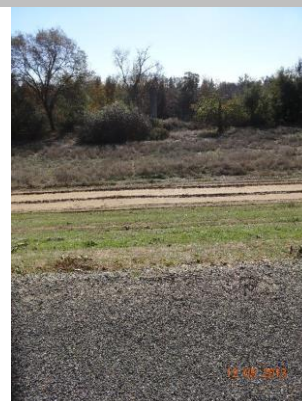
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	29 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.562285 °	38.562285 °	
				-121.405265 °	-121.405265 °	
DWR ID	24394					
Comment Code						
Inspector Comment						
FS_ID:29347						
DS_ID:24394						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner mentioned in email, ARFCD Staff Notes indicate riser in floodway near Beckenwood Way. (DWR UCIP - O. Magana)						
12/05/2013 Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: *Assumed ABANDONED* 12-inch steel pipe of unknown purpose through the levee, 14 feet below the crown. Riser unit on waterside (WS). (reference to 12-inch pipe scheduled to be abandoned (no clear direction of action taken available in permit recordation, see page 14 of 27 electronic permit copy) under Permit No. 4622, 1964 - County of Sacramento). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 517, Part No. 1, November 1959, Drawing No. 1-4-0415, (Station 296+85)]						
FS Date: 12/5/2013						

Photo 2 of 2 : UCIP_FA_2018_29347_54362.jpg



View of waterward side--tall riser located approximately 200 feet away.

LM Start	1.88	Rating **	M	Issue No.	28
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.561171 °	38.561171 °
				-121.415808 °	-121.415808 °
DWR ID	DWR_NA0001_09_s_2016_28				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_60_28_20180911_00010.jpg



View of the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.93	Rating **	M	Issue No.	30	
LM End	1.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.560889 °	38.560889 °	
				-121.417196 °	-121.417196 °	
DWR ID	24597					
Comment Code						
Inspector Comment						
FS_ID:29351						
DS_ID:24597						
EP_NO: 17587						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm if riser belongs to this crossing--need to coordinate with owner to determine specifics. Description needs to be updated.						
FIELD_STRUCT_DESC: 54-inch water main of unknown material through the levee at unknown depth. (54-inch pipe authorized under Permit No. 17587, 2003-City of Sacramento)						
FS Date: 12/5/2013						

LM Start	1.93	Rating **	M	Issue No.	30 (cont)
LM End	1.93	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_29351_54369.jpg



Three risers located on waterward berm.

Photo 2 of 3 : UCIP_FA_2018_29351_54368.jpg



View of waterward berm looking toward levee crown from waterward berm edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.93	Rating **	M	Issue No.	30 (cont)	
LM End	1.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.560889 °	38.560889 °	
				-121.417196 °	-121.417196 °	
DWR ID	24597					
Comment Code						
Inspector Comment						
FS_ID:29351						
DS_ID:24597						
EP_NO: 17587						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm if riser belongs to this crossing--need to coordinate with owner to determine specifics. Description needs to be updated.						
FIELD_STRUCT_DESC: 54-inch water main of unknown material through the levee at unknown depth. (54-inch pipe authorized under Permit No. 17587, 2003-City of Sacramento)						
FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_29351_54367.jpg



View of waterward edge--rip rap armor along toe.

LM Start	1.95	Rating **	M	Issue No.	31
LM End	1.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561064 °	38.561064 °
				-121.417323 °	-121.417323 °
DWR ID	24395				
Comment Code					
Inspector Comment					
FS_ID:30124					
DS_ID:24395					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 60-inch sewer main through the American					
River overflow area. Erosion protection and rock revetment on					
waterside (WS) slope added under Permit No. 14487 (1986). [Additional					
Reference(s): DWR Levee Log, 2002]					
FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_FA_2018_30124_55522.jpg



View of berm on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.95	Rating **	M	Issue No.	31 (cont)	
LM End	1.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.561064 °	38.561064 °	
				-121.417323 °	-121.417323 °	
DWR ID	24395					
Comment Code						
Inspector Comment						
FS_ID:30124						
DS_ID:24395						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.						
FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986). [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/5/2013						

LM Start	1.95	Rating **	M	Issue No.	31 (cont)
LM End	1.95	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_30124_55521.jpg



Rip rap used along waterward toe.

Photo 3 of 3 : UCIP_FA_2018_30124_55520.jpg



Small handhole found need concrete cylinder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	32
LM End	1.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561119 °	38.561119 °
				-121.417581 °	-121.417581 °
DWR ID	24649				
Comment Code					
Inspector Comment					
FS_ID:46085 DS_ID:24649 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (60-inch pipe authorized under Permit No. 12188, 1979-Sacramento Regional County Sanitation District; erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487, 1986-). FS Date: 12/5/2013					

LM Start	1.96	Rating **	M	Issue No.	32 (cont)
LM End	1.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_46085_54713.jpg



View of waterward berm.

Photo 2 of 3 : UCIP_FA_2018_46085_54712.jpg



View of waterward edge--rip rap used to armor toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	32 (cont)	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.561119 °		38.561119 °
				-121.417581 °		-121.417581 °
DWR ID	24649					
Comment Code						
Inspector Comment						
FS_ID:46085 DS_ID:24649 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (60-inch pipe authorized under Permit No. 12188, 1979-Sacramento Regional County Sanitation District; erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487, 1986-). FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_46085_54711.jpg



View of second concrete cylinder located on waterward berm.

LM Start	2.17	Rating **	M	Issue No.	19
LM End	2.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.563904 °	38.563904 °
				-121.419690 °	-121.419690 °
DWR ID	DWR_NA0001_09_f_2018_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	2.51	Rating **	M	Issue No.	33
LM End	2.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568767°	38.568767°
				-121.421178°	-121.421178°
DWR ID	24515				
Comment Code					
Inspector Comment					
FS_ID:31309 DS_ID:24515 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) drainage pipe through the levee at an unknown depth below the crown. Riser unit on waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual Unit 517, Part No. 1, November 1959, Drawing No. 1-4-0415, (Station 365+14)] FS Date: 12/5/2013					

LM Start	2.51	Rating **	M	Issue No.	33 (cont)
LM End	2.51	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31309_57338.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2018_31309_57337.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	2.51	Rating **	M	Issue No.	33 (cont)	
LM End	2.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.568767°	38.568767°	
				-121.421178°	-121.421178°	
DWR ID	24515					
Comment Code						
Inspector Comment						
FS_ID:31309 DS_ID:24515 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) drainage pipe through the levee at an unknown depth below the crown. Riser unit on waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual Unit 517, Part No. 1, November 1959, Drawing No. 1-4-0415, (Station 365+14)] FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_31309_57336.jpg



Landward side toe cleared.

LM Start	2.56	Rating **	U	Issue No.	23
LM End	2.56	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569380 °	38.569380 °
				-121.421325 °	-121.421325 °
DWR ID	DWR_NA0001_09_f_2016_23				
Comment Code					
MW : Monitoring Well					
Inspector Comment					
Monitoring well does not meet Title 23 standards. Well should be flush with the levee crown.					

Photo 1 of 1 : FA_2018_NA0001_60_23_20180911_00006.jpg



View of the monitoring well on the levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	2.66	Rating **	A/W	Issue No.	27
LM End	2.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.570882 °	38.570882 °
				-121.420927 °	-121.420927 °
DWR ID	DWR_NA0001_09_s_2016_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.					

Photo 1 of 2 : FA_2018_NA0001_60_27_20180911_00008.jpg



View of the rodent holes on the landside levee slope.

LM Start	2.66	Rating **	A/W	Issue No.	27 (cont)
LM End	2.66	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_NA0001_60_27_20180911_00009.jpg



View of the rodent at the levee toe causing levee damage.

LM Start	2.67	Rating **	A/W	Issue No.	18
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.571065 °	38.571065 °
				-121.420865 °	-121.420865 °
DWR ID	DWR_NA0001_09_f_2018_18				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of the fence at the landside levee toe.

View of the vines on the fence at the landside levee toe.

Page 12 of 23

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	34	
LM End	3.32	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580094 °	38.580094 °	
				-121.417821 °	-121.417821 °	
DWR ID	24412					
Comment Code						
Inspector Comment						
FS_ID:30125						
DS_ID:24412						
EP_NO: 17671						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: unable to confirm if manhole is part of this crossing--						
need to contact owner to determine status of crossing.						
FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee.						
Connects to 60-inch main on landside (LS). (two 60-inch force mains						
authorized under Permit No. 17671, 2003-Sacramento Regional County						
Sanitation District)						
FS Date: 12/5/2013						

LM Start	3.32	Rating **	M	Issue No.	34 (cont)
LM End	3.32	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_30125_55526.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2018_30125_55528.jpg



Underground service alert (USA) paint found on bike path on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	34 (cont)	
LM End	3.32	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580094 °	38.580094 °	
				-121.417821 °	-121.417821 °	
DWR ID	24412					
Comment Code						
Inspector Comment						
FS_ID:30125 DS_ID:24412 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if manhole is part of this crossing--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (two 60-inch force mains authorized under Permit No. 17671, 2003-Sacramento Regional County Sanitation District) FS Date: 12/5/2013						

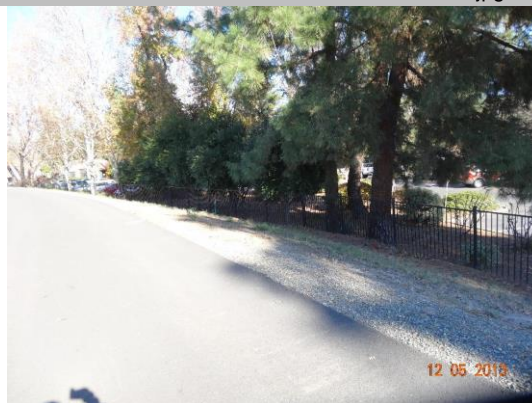
Photo 3 of 3 : UCIP_FA_2018_30125_55529.jpg



Manhole visible on waterward toe.

LM Start	3.34	Rating **	M	Issue No.	35	
LM End	3.34	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.580347 °		38.580347 °
				-121.417734 °		-121.417734 °
DWR ID	24404					
Comment Code						
Inspector Comment						
FS_ID:29633 DS_ID:24404 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterside (WS) slope. Three pressure manholes in overflow area along pipe path. (60-inch force main sewerline authorized under Permit No. 12188, 1979-Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/5/2013						

Photo 1 of 3 : UCIP_FA_2018_29633_54791.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.34	Rating **	M	Issue No.	35 (cont)	
LM End	3.34	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.580347 °		38.580347 °
				-121.417734 °		-121.417734 °
DWR ID	24404					
Comment Code						
Inspector Comment						
FS_ID:29633 DS_ID:24404 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterside (WS) slope. Three pressure manholes in overflow area along pipe path. (60-inch force main sewerline authorized under Permit No. 12188, 1979-Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/5/2013						

Photo 2 of 3 : UCIP_FA_2018_29633_54790.jpg



Underground service alert (USA) markings still present on levee crown.

LM Start	3.34	Rating **	M	Issue No.	35 (cont)
LM End	3.34	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_29633_54789.jpg



Faded paint markings located on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

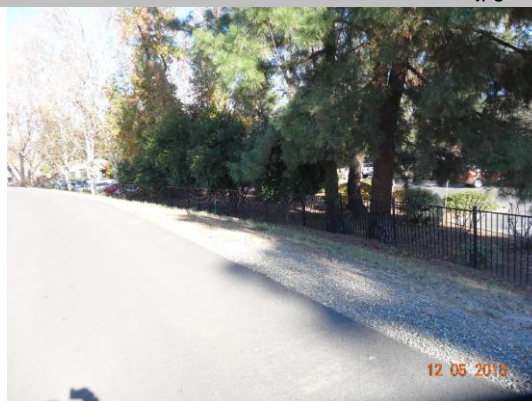
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.34	Rating **	M	Issue No.	36
LM End	3.34	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580435 °	38.580435 °
				-121.417711 °	-121.417711 °
DWR ID	24566				
Comment Code					
Inspector Comment					
FS_ID:41437 DS_ID:24566 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm location with owner. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (two 60-inch force mains authorized under Permit No. 17671, 2003-Sacramento Regional County Sanitation District) FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_FA_2018_41437_55532.jpg



Overview of landward side.

LM Start	3.34	Rating **	M	Issue No.	36 (cont)
LM End	3.34	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_41437_55531.jpg



Underground service alert (USA) markings found on levee crown for 60-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.34	Rating **	M	Issue No.	36 (cont)	
LM End	3.34	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580435 °	38.580435 °	
				-121.417711 °	-121.417711 °	
DWR ID	24566					
Comment Code						
Inspector Comment						
FS_ID:41437 DS_ID:24566 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm location with owner. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (two 60-inch force mains authorized under Permit No. 17671, 2003-Sacramento Regional County Sanitation District) FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_41437_55530.jpg



Marker visible on landward.

LM Start	3.42	Rating **	M	Issue No.	37
LM End	3.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581572 °	38.581572 °
				-121.417819 °	-121.417819 °
DWR ID	24816				
Comment Code					
Inspector Comment					
FS_ID:30684 DS_ID:24816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if crossing goes through levee. Need to obtain additional information to confirm crossing. FIELD_STRUCT_DESC: Water fountain found on waterside (WS). FS Date: 12/5/2013					

Photo 1 of 2 : UCIP_FA_2018_30684_56473.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.42	Rating **	M	Issue No.	37 (cont)	
LM End	3.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581572 °	38.581572 °	
				-121.417819 °	-121.417819 °	
DWR ID	24816					
Comment Code						
Inspector Comment						
FS_ID:30684 DS_ID:24816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if crossing goes through levee. Need to obtain additional information to confirm crossing. FIELD_STRUCT_DESC: Water fountain found on waterside (WS). FS Date: 12/5/2013						

Photo 2 of 2 : UCIP_FA_2018_30684_56472.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.68	Rating **	M	Issue No.	38	
LM End	3.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584344 °	38.584344 °	
				-121.420968 °	-121.420968 °	
DWR ID	24817					
Comment Code						
Inspector Comment						
FS_ID:31304 DS_ID:24817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate D-05 Upstream end of detention basin. (DWR UCIP - O. Magana) 12/05/2013 Need to confirm crossing size--need additional information about crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7-foot by 15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. (no permit has been identified authorizing this structure, structure is owned by the County of Sacramento) FS Date: 12/5/2013						

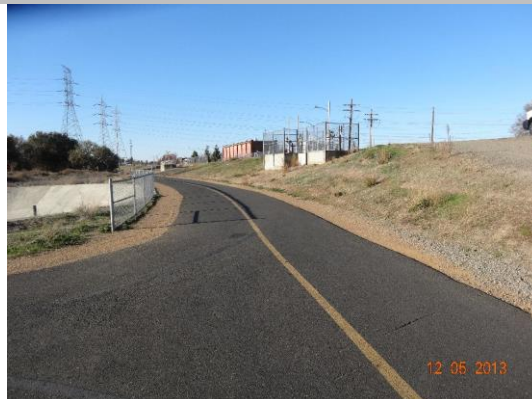
LM Start	3.68	Rating **	M	Issue No.	38 (cont)
LM End	3.68	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31304_57325.jpg



Concrete box and electrical box located on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_31304_57320.jpg



Bike path located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.68	Rating **	M	Issue No.	38 (cont)	
LM End	3.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584344 °	38.584344 °	
				-121.420968 °	-121.420968 °	
DWR ID	24817					
Comment Code						
Inspector Comment						
FS_ID:31304 DS_ID:24817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate D-05 Upstream end of detention basin. (DWR UCIP - O. Magana) 12/05/2013 Need to confirm crossing size--need additional information about crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7-foot by 15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. (no permit has been identified authorizing this structure, structure is owned by the County of Sacramento) FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_31304_57324.jpg



Concrete wall and wing walls located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.69	Rating **	M	Issue No.	39
LM End	3.69	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID	24818				
Comment Code					
Inspector Comment					
FS_ID:31306 DS_ID:24818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate D-05 Upstream end of detention basin. (DWR UCIP - O. Magana) 12/05/2013 Unable to confirm pipe size--need additional information about crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7-foot by 15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. (no permit has been identified authorizing this structure, structure is owned by the County of Sacramento) FS Date: 12/5/2013					

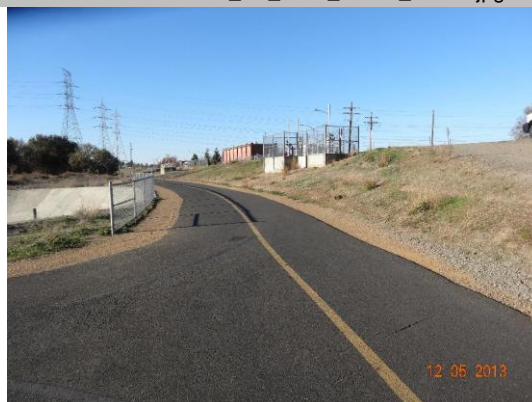
LM Start	3.69	Rating **	M	Issue No.	39 (cont)
LM End	3.69	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31306_57333.jpg



Concrete box and electrical boxes located on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_31306_57328.jpg



Bike path located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.69	Rating **	M	Issue No.	39 (cont)	
LM End	3.69	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584355 °	38.584355 °	
				-121.420989 °	-121.420989 °	
DWR ID	24818					
Comment Code						
Inspector Comment						
FS_ID:31306 DS_ID:24818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate D-05 Upstream end of detention basin. (DWR UCIP - O. Magana) 12/05/2013 Unable to confirm pipe size--need additional information about crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7-foot by 15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. (no permit has been identified authorizing this structure, structure is owned by the County of Sacramento) FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_FA_2018_31306_57332.jpg



Concrete headwall located on waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/24/2018 10/24/2018	Luz Dial

LM Start	3.72	Rating **	M	Issue No.	40	
LM End	3.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584710 °	38.584710 °	
				-121.421496 °	-121.421496 °	
DWR ID	24819					
Comment Code						
Inspector Comment						
FS_ID:31307						
DS_ID:24819						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Unable to confirm is pipe crosses levee--no permit available.						
FIELD_STRUCT_DESC: Service box located on waterside (WS) and landside (LS). Unable to confirm crossing exists through levee. No permit found for this potential crossing.						
FS Date: 12/5/2013						

Photo 1 of 2 : UCIP_FA_2018_31307_57335.jpg



View of concrete service box located on waterward shoulder.

LM Start	3.72	Rating **	M	Issue No.	40 (cont)
LM End	3.72	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2018_31307_57334.jpg



Concrete box located inside fenced area located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 10 American River			Right	3.90
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/7/2018 - 5/7/2018		10/26/2018 - 10/26/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.00	Rating **	M	Issue No.	30	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.999999 °	38.999999 °	
				-121.999999 °	-121.999999 °	
DWR ID	24470					
Comment Code						
Inspector Comment						
FS_ID:30571						
DS_ID:24470						
EP_NO: 3063						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments:						
FIELD_STRUCT_DESC: * DELETE (Duplicate Entry).						
FS Date: 12/4/2013						

No Photos

LM Start	0.00	Rating **	U	Issue No.	16
LM End	0.62	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600917 °	38.592184 °
				-121.332100 °	-121.334347 °
DWR ID	DWR_NA0001_10_s_2012_16				
Comment Code					
UR : Urban					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_61_16_20180911_00003.jpg



Levee encroached on by property owners north of Arden Way. This section is not reasonably accessible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	20
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600443 °	38.567911 °
				-121.330793 °	-121.383151 °
DWR ID	DWR_NA0001_10_f_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_61_20_20181029_00045.jpg



View of landside vegetation. Fall 2018

LM Start	0.00	Rating **	A	Issue No.	22
LM End	3.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600443 °	38.567911 °
				-121.330793 °	-121.383151 °
DWR ID	DWR_NA0001_10_f_2018_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_61_22_20181029_00046.jpg



View of waterside vegetation. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.62	Rating **	M	Issue No.	31	
LM End	0.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.592105 °	38.592105 °	
				-121.334423 °	-121.334423 °	
DWR ID	24820					
Comment Code						
Inspector Comment						
FS_ID:52670 DS_ID:24820 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 PG&E records for this distribution main indicate that there were no leaks found on the 05/2015 leak survey and the pipeline is operating correctly according to the 12/2016 CP inspection. (DWR UCIP - A. McDonald)Unable to determine alignment of crossing, does it cross levee? Permit? FIELD_STRUCT_DESC: Protective posts located on landside (LS) for what appears to be for gas/petroleum line. Pipeline goes through levee and runs parallel. No permit found. In case of an emergency related to this pipeline, PG&E has identified the following contacts: PG&E's local pipeline engineer, Mike Aronoff at 916-307-9472 (cell), and Gas Control (north) at 800-442-4743. For non-emergency issues, please contact the local PG&E Gas Pipeline Operations and Maintenance (GPOM) supervisors for the Sacramento region, David Wade at 209-639-1039 (cell), or Ron Hicks at 916-396-9038 (cell). FS Date: 12/4/2013						

LM Start	0.62	Rating **	M	Issue No.	31 (cont)
LM End	0.62	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_52670_57501.jpg



View of protective posts located on landward side.

Photo 2 of 2 : UCIP_FA_2018_52670_57500.jpg



No signs of crossing on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	32
LM End	0.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID	24464				
Comment Code					
Inspector Comment					
FS_ID:26281 DS_ID:24464 EP_NO: 12725 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe. (6-inch pipe authorized under Permit No. 12725, 1980-County of Sacramento Department of Parks and Recreation) FS Date: 12/4/2013					

LM Start	0.72	Rating **	M	Issue No.	32 (cont)
LM End	0.72	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_26281_47492.jpg



View of waterward slope.

Photo 2 of 3 : UCIP_FA_2018_26281_47493.jpg



View of faucet located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	32 (cont)	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.591003 °		38.591003 °
				-121.335459 °		-121.335459 °
DWR ID	24464					
Comment Code						
Inspector Comment						
FS_ID:26281 DS_ID:24464 EP_NO: 12725 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe. (6-inch pipe authorized under Permit No. 12725, 1980-County of Sacramento Department of Parks and Recreation) FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_26281_47491.jpg



View of waterward side--faucet and water flow prevention system.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.94	Rating **	M	Issue No.	33
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587989 °	38.587989 °
				-121.336773 °	-121.336773 °
DWR ID	24413				
Comment Code					
Inspector Comment					
FS_ID:41550 DS_ID:24413 EP_NO: 2806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate Near McClaren Dr. (DWR UCIP - O. Magana) 12/04/2013 Need to determine status of crossing--Need to coordinate with utility owner. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal (CM) pipe through the levee, 15 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (30-inch pipe authorized under Permit No. 2806, 1958 - County of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013					

LM Start	0.94	Rating **	M	Issue No.	33 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41550_47496.jpg



View of landward side.

Photo 2 of 3 : UCIP_FA_2018_41550_47495.jpg



View of gate stem located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	0.94	Rating **	M	Issue No.	33 (cont)	
LM End	0.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587989 °	38.587989 °	
				-121.336773 °	-121.336773 °	
DWR ID	24413					
Comment Code						
Inspector Comment						
FS_ID:41550 DS_ID:24413 EP_NO: 2806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the County of Sacramento, ARFCD Staff Notes indicate Near McClaren Dr. (DWR UCIP - O. Magana) 12/04/2013 Need to determine status of crossing--Need to coordinate with utility owner. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal (CM) pipe through the levee, 15 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (30-inch pipe authorized under Permit No. 2806, 1958 - County of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_41550_47499.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	34
LM End	1.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID	24821				
Comment Code					
Inspector Comment					
FS_ID:31284 DS_ID:24821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterside (WS). No permit found. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_FA_2018_31284_57285.jpg



Overview of levee crown at crossing.

LM Start	1.04	Rating **	M	Issue No.	34 (cont)
LM End	1.04	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31284_57286.jpg



Concrete vault located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	34 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.586813 °	38.586813 °	
				-121.337643 °	-121.337643 °	
DWR ID	24821					
Comment Code						
Inspector Comment						
FS_ID:31284 DS_ID:24821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterside (WS). No permit found. FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_31284_57288.jpg



Close up of concrete box located on waterward side.

LM Start	1.28	Rating **	M	Issue No.	35	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.583873 °		38.583873 °
				-121.340037 °		-121.340037 °
DWR ID	24097					
Comment Code						
Inspector Comment						
FS_ID:41536						
DS_ID:24097						
EP_NO: 12276						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to find markers indicating crossing through levee.						
FIELD_STRUCT_DESC: Two 3-inch polyvinyl chloride (PVC) electrical conduits through the levee, 3 feet below the crown. Northeast Sewage Treatment Plant on waterside (WS). Conduits extend from treatment plant to transformers located on WS. (two 3-inch conduits authorized under Permit No. 12276-1980) [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/4/2013						

Photo 1 of 3 : UCIP_FA_2018_41536_47550.jpg



Overview of levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.28	Rating **	M	Issue No.	35 (cont)	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.583873 °		38.583873 °
				-121.340037 °		-121.340037 °
DWR ID	24097					
Comment Code						
Inspector Comment						
FS_ID:41536						
DS_ID:24097						
EP_NO: 12276						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to find markers indicating crossing through levee.						
FIELD_STRUCT_DESC: Two 3-inch polyvinyl chloride (PVC) electrical conduits through the levee, 3 feet below the crown. Northeast Sewage Treatment Plant on waterside (WS). Conduits extend from treatment plant to transformers located on WS. (two 3-inch conduits authorized under Permit No. 12276-1980) [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/4/2013						

LM Start	1.28	Rating **	M	Issue No.	35 (cont)
LM End	1.28	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_41536_47549.jpg



View of transformers located on waterward side.

Photo 3 of 3 : UCIP_FA_2018_41536_47551.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.28	Rating **	M	Issue No.	36
LM End	1.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID	24477				
Comment Code					
Inspector Comment					
FS_ID:26299 DS_ID:24477 EP_NO: 7993 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/04/2013 Unable to confirm if crossing buried is the same as this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of levee. (6-inch line authorized under Permit No. 7993, 7993-A, 1973 - Northeast Sacramento County c/o Sanitation District Department of Public Works Water Quality Division) FS Date: 12/4/2013					

LM Start	1.28	Rating **	M	Issue No.	36 (cont)
LM End	1.28	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_26299_47575.jpg



Overview of levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2018_26299_47574.jpg



View of waterward side--Underground Alert System markers showing alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.28	Rating **	M	Issue No.	36 (cont)	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583873 °	38.583873 °	
				-121.340037 °	-121.340037 °	
DWR ID	24477					
Comment Code						
Inspector Comment						
FS_ID:26299 DS_ID:24477 EP_NO: 7993 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/04/2013 Unable to confirm if crossing buried is the same as this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of levee. (6-inch line authorized under Permit No. 7993, 7993-A, 1973 - Northeast Sacramento County c/o Sanitation District Department of Public Works Water Quality Division) FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_26299_47573.jpg



Sign for unground cable with contact information.

LM Start	1.28	Rating **	M	Issue No.	37	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583771 °	38.583771 °	
				-121.340135 °	-121.340135 °	
DWR ID	25448					
Comment Code						
Inspector Comment						
FS_ID:49898 DS_ID:25448 EP_NO: 4777-A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1-1/2 inch polyvinyl chloride (PVC) natural gas service line sleeved through existing 2-1/2 inch steel pipe through levee. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (2-1/2-inch line authorized under Permit No. 4777-A-1974, 4777-1964, Sacramento County Department of Public Works, Water Quality Division; 1-1/2-inch PVC liner authorized under Permit No. 4777-A, 1974-Sacramento County Department of Public Works Water Quality Division). FS Date: 4/1/2016						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.28	Rating **	M	Issue No.	38 (cont)	
LM End	1.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583780 °	38.583780 °	
				-121.340126 °	-121.340126 °	
DWR ID	24568					
Comment Code						
Inspector Comment						
FS_ID:26296 DS_ID:24568 EP_NO: 3599B Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown. FIELD_STRUCT_DESC: [River Walkway Station] 1 of 3: 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe-not found 2013. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (one 54-inch and two 42-inch pipes authorized under Permit No. 3599B, 1964-County of Sacramento, Department of Public Works Northeast Sacramento County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_26296_47560.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	39	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583750 °	38.583750 °	
				-121.340143 °	-121.340143 °	
DWR ID	24567					
Comment Code						
Inspector Comment						
FS_ID:26298 DS_ID:24567 EP_NO: 3599A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: [River Walkway Station] 2 of 3: 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (one 54-inch and two 42-inch pipes authorized under Permit No. 3599B, 1964-County of Sacramento, Department of Public Works Northeast Sacramento County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

LM Start	1.29	Rating **	M	Issue No.	39 (cont)
LM End	1.29	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_26298_47569.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_FA_2018_26298_47571.jpg



USA markers indicate alignment through levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	39 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583750 °	38.583750 °	
				-121.340143 °	-121.340143 °	
DWR ID	24567					
Comment Code						
Inspector Comment						
FS_ID:26298 DS_ID:24567 EP_NO: 3599A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: [River Walkway Station] 2 of 3: 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (one 54-inch and two 42-inch pipes authorized under Permit No. 3599B, 1964-County of Sacramento, Department of Public Works Northeast Sacramento County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_26298_47568.jpg



Overview of levee crown with grout holes visible at the crown along pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	40	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583738 °	38.583738 °	
				-121.340161 °	-121.340161 °	
DWR ID	24098					
Comment Code						
Inspector Comment						
FS_ID:26426 DS_ID:24098 EP_NO: 3599 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: [River Walkway Station] 3 of 3: 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (one 54-inch and two 42-inch pipes authorized under Permit No. 3599B, 1964-County of Sacramento, Department of Public Works Northeast Sacramento County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

LM Start	1.29	Rating **	M	Issue No.	40 (cont)
LM End	1.29	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_26426_47982.jpg



Overview of levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2018_26426_47980.jpg



View of Underground Service Alert (USA) markers and flags confirming buried sewer lines.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	40 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583738 °	38.583738 °	
				-121.340161 °	-121.340161 °	
DWR ID	24098					
Comment Code						
Inspector Comment						
FS_ID:26426 DS_ID:24098 EP_NO: 3599 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: [River Walkway Station] 3 of 3: 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (one 54-inch and two 42-inch pipes authorized under Permit No. 3599B, 1964-County of Sacramento, Department of Public Works Northeast Sacramento County Sanitation District) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_26426_47984.jpg



USA marker indicates 60 inch line through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

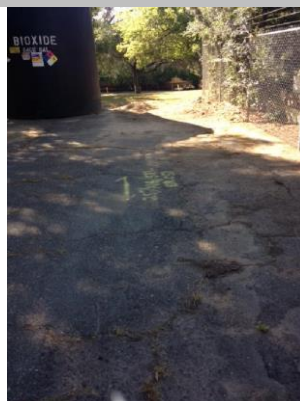
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	41
LM End	1.29	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583728 °	38.583728 °
				-121.340178 °	-121.340178 °
DWR ID	25449				
Comment Code					
Inspector Comment					
FS_ID:50053 DS_ID:25449 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3-inch plastic vinyl (PVC) conduit chlorine line sleeved through steel pipe through the right bank of the levee, 2 feet below crown. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (3-inch line authorized under Permit No. 4535-1964, Northeast Sacramento County Sanitation District) FS Date: 4/1/2016					

Photo 1 of 3 : UCIP_FA_2018_50053_75902.jpg



WS View - underground service alert (USA) markings indicating pipe alignment.

LM Start	1.29	Rating **	M	Issue No.	41 (cont)
LM End	1.29	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_50053_75903.jpg



USA markings indicate 2.5-inch steel line.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

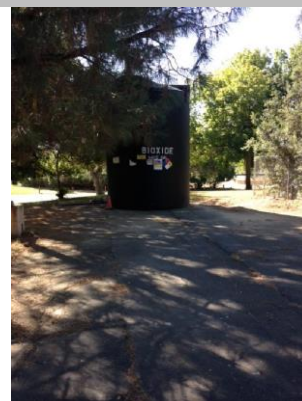
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	41 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.583728 °		38.583728 °
				-121.340178 °		-121.340178 °
DWR ID	25449					
Comment Code						
Inspector Comment						
FS_ID:50053 DS_ID:25449 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3-inch plastic vinyl (PVC) conduit chlorine line sleeved through steel pipe through the right bank of the levee, 2 feet below crown. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. (3-inch line authorized under Permit No. 4535-1964, Northeast Sacramento County Sanitation District) FS Date: 4/1/2016						

Photo 3 of 3 : UCIP_FA_2018_50053_75904.jpg



Storage tank located on WS.

LM Start	1.29	Rating **	N	Issue No.	26
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.583713 °	38.583713 °
				-121.340287 °	-121.340287 °
DWR ID	DWR_NA0001_10_f_2018_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two tree stumps on the levee easement need to be removed.					

Photo 1 of 1 : FA_2018_NA0001_61_26_20181029_00048.jpg



View of tree stumps on levee easement. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581745 °	38.581745 °
				-121.343357 °	-121.343357 °
DWR ID	DWR_NA0001_10_f_2018_25				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Landowner vegetation partially obstructs access.					

Photo 1 of 1 : FA_2018_NA0001_61_25_20181029_00047.jpg



View of vegetation over levee easement. Fall 2018

LM Start	1.53	Rating **	M	Issue No.	42
LM End	1.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581594°	38.581594°
				-121.343622°	-121.343622°
DWR ID	24419				
Comment Code					
Inspector Comment					
FS_ID:41548 DS_ID:24419 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe of unknown purpose or material through the levee, 7 feet below the crown. Concrete inspection box at waterside (WS) toe. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_FA_2018_41548_54880.jpg



Structure located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.53	Rating **	M	Issue No.	42 (cont)	
LM End	1.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581594 °	38.581594 °	
				-121.343622 °	-121.343622 °	
DWR ID	24419					
Comment Code						
Inspector Comment						
FS_ID:41548 DS_ID:24419 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe of unknown purpose or material through the levee, 7 feet below the crown. Concrete inspection box at waterside (WS) toe. FS Date: 12/4/2013						

Photo 2 of 3 : UCIP_FA_2018_41548_54881.jpg



View of waterward side.

LM Start	1.53	Rating **	M	Issue No.	42 (cont)
LM End	1.53	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_41548_54883.jpg



Concrete box located on waterward side near paved trail.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.53	Rating **	M	Issue No.	43	
LM End	1.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581588 °	38.581588 °	
				-121.343631 °	-121.343631 °	
DWR ID	24101					
Comment Code						
Inspector Comment						
FS_ID:41546						
DS_ID:24101						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine the status of crossing--unable to determine if crossing is still active.						
FIELD_STRUCT_DESC: 8-inch pipe of unknown purpose or material through the levee at unknown depth. Concrete inspection box on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/4/2013						

LM Start	1.53	Rating **	M	Issue No.	43 (cont)
LM End	1.53	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41546_57290.jpg



Structure located on waterward side.

Photo 2 of 3 : UCIP_FA_2018_41546_57289.jpg



View of landward side--chlorine line adjacent to 8-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.53	Rating **	M	Issue No.	43 (cont)	
LM End	1.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581588 °	38.581588 °	
				-121.343631 °	-121.343631 °	
DWR ID	24101					
Comment Code						
Inspector Comment						
FS_ID:41546						
DS_ID:24101						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine the status of crossing--unable to determine if crossing is still active.						
FIELD_STRUCT_DESC: 8-inch pipe of unknown purpose or material through the levee at unknown depth. Concrete inspection box on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_FA_2018_41546_57291.jpg



View of waterward side.

LM Start	1.61	Rating **	M	Issue No.	44
LM End	1.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580991 °	38.580991 °
				-121.344917 °	-121.344917 °
DWR ID	24822				
Comment Code					
Inspector Comment					
FS_ID:30575					
DS_ID:24822					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 2nd marker visible on landward side at levee mile					
1.63 (38.581564 -121.343806).					
FIELD_STRUCT_DESC: Marker indicating water line located on					
landside (LS) toe. Unable to determine if line runs parallel to levee or if					
line crosses levee. Unable to find permit for work.					
FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_FA_2018_30575_56338.jpg



Waterline marker at levee mile 1.63.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

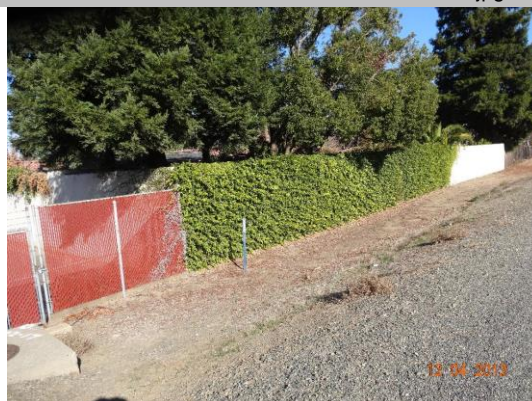
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	1.61	Rating **	M	Issue No.	44 (cont)	
LM End	1.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580991 °	38.580991 °	
				-121.344917 °	-121.344917 °	
DWR ID	24822					
Comment Code						
Inspector Comment						
FS_ID:30575						
DS_ID:24822						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 2nd marker visible on landward side at levee mile 1.63 (38.581564 -121.343806).						
FIELD_STRUCT_DESC: Marker indicating water line located on landside (LS) toe. Unable to determine if line runs parallel to levee or if line crosses levee. Unable to find permit for work.						
FS Date: 12/4/2013						

Photo 2 of 2 : UCIP_FA_2018_30575_56337.jpg



Waterline marker at levee mile 1.7.

LM Start	2.41	Rating **	A/W	Issue No.	7
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575126°	38.575126°
				-121.357575°	-121.357575°
DWR ID	DWR_NA0001_10_f_2013_7				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_61_7_20180911_00002.jpg



View of the pathway on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	3.21	Rating **	A/W	Issue No.	24
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569973 °	38.569973 °
				-121.370817 °	-121.370817 °
DWR ID	DWR_NA0001_10_f_2018_24				
Comment Code					
Inspector Comment					

No Photos

LM Start	3.22	Rating **	A/W	Issue No.	2
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569955 °	38.569955 °
				-121.370988 °	-121.370988 °
DWR ID	DWR_NA0001_10_f_2017_2				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the footpath for possible further erosion.					

Photo 1 of 1 : FA_2018_NA0001_61_2_20180911_00001.jpg



View of the footpath on the levee slope.

LM Start	3.24	Rating **	A/W	Issue No.	23
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569930 °	38.569930 °
				-121.371353 °	-121.371353 °
DWR ID	DWR_NA0001_10_f_2018_23				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	3.48	Rating **	A/W	Issue No.	19
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569622 °	38.569622 °
				-121.375662 °	-121.375662 °
DWR ID	DWR_NA0001_10_f_2018_19				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.49	Rating **	A/W	Issue No.	21
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569484 °	38.569484 °
				-121.375841 °	-121.375841 °
DWR ID	DWR_NA0001_10_f_2015_21				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_61_21_20180911_00004.jpg



View of the footpath on the landside levee slope.

LM Start	3.56	Rating **	N	Issue No.	29
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.569242 °	38.569242 °
				-121.377169 °	-121.377169 °
DWR ID	DWR_NA0001_10_s_2017_29				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Three tree stumps within ten feet of levee toe.					

Photo 1 of 1 : FA_2018_NA0001_61_29_20180911_00007.jpg



View of the tree stumps within the levee easement.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

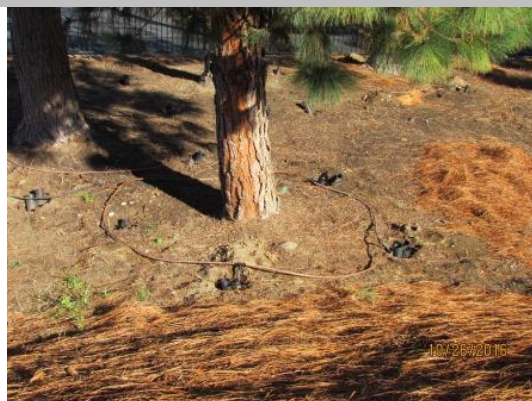
Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2018 10/26/2018	Luz Dial

LM Start	3.76	Rating **	M	Issue No.	27
LM End	3.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568413 °	38.568413 °
				-121.380711 °	-121.380711 °
DWR ID	DWR_NA0001_10_f_2016_27				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_61_27_20180911_00005.jpg



View of the landscaping irrigation at the landside levee toe.

LM Start	3.77	Rating **	N	Issue No.	28
LM End	3.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568375 °	38.568375 °
				-121.380889 °	-121.380889 °
DWR ID	DWR_NA0001_10_s_2017_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0001_61_28_20180911_00006.jpg



View of the tree stump at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 11 New Linda Creek			Left	0.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/8/2018 - 5/8/2018		10/10/2018 - 10/10/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/10/2018 10/10/2018	Luz Dial

LM Start	0.08	Rating **	M	Issue No.	7
LM End	0.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662976 °	38.662976 °
				-121.456464 °	-121.456464 °
DWR ID	24823				
Comment Code					
Inspector Comment					
FS_ID:31310 DS_ID:24823 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Claire Ave. (DWR UCIP - O. Magana) 12/20/2013 no permit found--owner? (unauthorized?) (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterside (WS) shoulder. Concrete wall located on waterside (WS) and landside (LS). Siphon breaker inside concrete service box located on WS shoulder. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) FS Date: 12/20/2013					

LM Start	0.08	Rating **	M	Issue No.	7 (cont)
LM End	0.08	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_31310_57345.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2018_31310_57342.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/10/2018 10/10/2018	Luz Dial

LM Start	0.08	Rating **	M	Issue No.	7 (cont)	
LM End	0.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.662976 °	38.662976 °	
				-121.456464 °	-121.456464 °	
DWR ID	24823					
Comment Code						
Inspector Comment						
FS_ID:31310 DS_ID:24823 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Claire Ave. (DWR UCIP - O. Magana) 12/20/2013 no permit found--owner? (unauthorized?) (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterside (WS) shoulder. Concrete wall located on waterside (WS) and landside (LS). Siphon breaker inside concrete service box located on WS shoulder. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2018_31310_57343.jpg



View of landward side.

LM Start	0.48	Rating **	M	Issue No.	8	
LM End	0.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.666585 °	38.666585 °	
				-121.451009 °	-121.451009 °	
DWR ID	24824					
Comment Code						
Inspector Comment						
FS_ID:31311 DS_ID:24824 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 6-inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013						

Photo 1 of 1 : UCIP_FA_2018_31311_57346.jpg



Crossing visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/10/2018 10/10/2018	Luz Dial

LM Start	0.49	Rating **	M	Issue No.	9
LM End	0.49	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666745 °	38.666745 °
				-121.450918 °	-121.450918 °
DWR ID	24825				
Comment Code					
Inspector Comment					
FS_ID:31312 DS_ID:24825 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 4-inch communication conduit of unknown material through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_FA_2018_31312_57347.jpg



Conduit attached to the upstream face of Rio Linda Blvd Bridge.

LM Start	0.52	Rating **	M	Issue No.	10
LM End	0.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667108 °	38.667108 °
				-121.450827 °	-121.450827 °
DWR ID	24826				
Comment Code					
Inspector Comment					
FS_ID:31313 DS_ID:24826 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Rio Linda, just Upstream. (DWR UCIP - O. Magana) 12/20/2013 owner? permit? (unauthorized?) (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknown depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_FA_2018_31313_57349.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/10/2018 10/10/2018	Luz Dial

LM Start	0.52	Rating **	M	Issue No.	10 (cont)	
LM End	0.52	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.667108 °	38.667108 °	
				-121.450827 °	-121.450827 °	
DWR ID	24826					
Comment Code						
Inspector Comment						
FS_ID:31313						
DS_ID:24826						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Rio Linda, just Upstream. (DWR UCIP - O. Magana) 12/20/2013 owner? permit? (unauthorized?) (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknown depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento)						
FS Date: 12/20/2013						

LM Start	0.52	Rating **	M	Issue No.	10 (cont)
LM End	0.52	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_31313_57348.jpg



Concrete vault with protective posts located on waterward shoulder.

Photo 3 of 3 : UCIP_FA_2018_31313_57351.jpg



Concrete headwall located on waterward side--depression found on wall edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/10/2018 10/10/2018	Luz Dial

LM Start	0.63	Rating **	A	Issue No.	5
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667875 °	38.667875 °
				-121.449338 °	-121.449338 °
DWR ID	DWR_NA0001_11_f_2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Landside vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_436_5_20181015_00009.jpg



View of landside vegetation. Fall 2018

LM Start	0.63	Rating **	A	Issue No.	6
LM End	0.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.667875 °	38.667875 °
				-121.449338 °	-121.449338 °
DWR ID	DWR_NA0001_11_f_2018_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Waterside vegetation is well maintained.					

Photo 1 of 1 : FA_2018_NA0001_436_6_20181015_00010.jpg



View of waterside vegetation. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 12 American River			Left	0.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/11/2018 - 5/11/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Luz Dial	
Accompanied By	Ross Kawamura ARFCD		Ross Kawamura ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

American River Flood Control District

View of waterside vegetation. Fall 2018

View of the stairs on the landside levee slope.

View of the footpath on the levee slope.

American River Flood Control District

View of fence bracing that partially blocks access. Fall 2018

View of fence debris within levee easement. Fall 2018

View of the footpath on the landside levee slope.

Page 2 of 8

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/25/2018 10/25/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	11	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.576589 °	38.576589 °	
				-121.344058 °	-121.344058 °	
DWR ID	24830					
Comment Code						
Inspector Comment						
FS_ID:46995 DS_ID:24830 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainage pipe through the levee, 11 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (three 48-inch pipes authorized under Permit No. 12144, 1978-SRCSD; cathodic protection for 48-inch pipe authorized under 12144-A, 1983-SRCSD) FS Date: 2/25/2014						

LM Start	0.72	Rating **	M	Issue No.	11 (cont)
LM End	0.72	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_46995_56234.jpg



Concrete vault located on landward side.

Photo 2 of 3 : UCIP_FA_2018_46995_56235.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/25/2018 10/25/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	11 (cont)	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.576589 °	38.576589 °	
				-121.344058 °	-121.344058 °	
DWR ID	24830					
Comment Code						
Inspector Comment						
FS_ID:46995						
DS_ID:24830						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing.						
FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainage pipe through the levee, 11 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (three 48-inch pipes authorized under Permit No. 12144, 1978-SRCSD; cathodic protection for 48-inch pipe authorized under 12144-A, 1983-SRCSD)						
FS Date: 2/25/2014						

Photo 3 of 3 : UCIP_FA_2018_46995_56233.jpg



Manholes located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/25/2018 10/25/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	12
LM End	0.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576596 °	38.576596 °
				-121.344029 °	-121.344029 °
DWR ID	24829				
Comment Code					
Inspector Comment					
FS_ID:30540 DS_ID:24829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainage pipe through the levee, 11 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (three 48-inch pipes authorized under Permit No. 12144, 1978-SRCSD; cathodic protection for 48-inch pipe authorized under 12144-A, 1983-SRCSD) FS Date: 2/25/2014					

LM Start	0.72	Rating **	M	Issue No.	12 (cont)
LM End	0.72	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_30540_56232.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

Photo 2 of 3 : UCIP_FA_2018_30540_56230.jpg



Manholes visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/25/2018 10/25/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	12 (cont)	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.576596 °	38.576596 °	
				-121.344029 °	-121.344029 °	
DWR ID	24829					
Comment Code						
Inspector Comment						
FS_ID:30540 DS_ID:24829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainage pipe through the levee, 11 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (three 48-inch pipes authorized under Permit No. 12144, 1978-SRCSD; cathodic protection for 48-inch pipe authorized under 12144-A, 1983-SRCSD) FS Date: 2/25/2014						

Photo 3 of 3 : UCIP_FA_2018_30540_56231.jpg



Concrete vault located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/25/2018 10/25/2018	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	13	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.576600 °	38.576600 °	
				-121.344008 °	-121.344008 °	
DWR ID	24828					
Comment Code						
Inspector Comment						
FS_ID:46994 DS_ID:24828 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 3 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (three 48-inch pipes authorized under Permit No. 12144, 1978-SRCSD; cathodic protection for 48-inch pipe authorized under 12144-A, 1983-SRCSD) FS Date: 2/25/2014						

LM Start	0.72	Rating **	M	Issue No.	13 (cont)
LM End	0.72	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_46994_56229.jpg



SRCSDS Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

Photo 2 of 3 : UCIP_FA_2018_46994_56228.jpg



Concrete vault for 3 crossings located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

View of the footpath on the landside levee slope.

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